DECLARATION UNDER 37 CFR § 1.131#13  
**RECEIVED**

APR 29 2004

Technology Center 2100

I, Brian Vosburgh, declare the following:

1. That I am the inventor of the subject matter disclosed and/or claimed in U.S. Patent Application Serial No. 09/920,786.
2. That the subject matter of U.S. Patent Application Serial No. 09/920,786 was developed under an obligation of assignment to a prior employer, was subsequently sold to and assigned to Webgain, Inc., and was further subsequently assigned to OIC Acquisition I Corporation.
3. That my entire right, title and interest in and to U.S. Patent Application Serial No. 09/920,786 was assigned to Webgain, Inc. and was subsequently assigned to OIC Acquisition I Corporation.
4. That on or before January 7, 2000, I first conceived the invention disclosed and/or claimed in U.S. Patent Application Serial No. 09/920,786.
5. That on or before March 10, 2000, I reduced to practice and incorporated a first version of an internal product named "Preston," which incorporated a version of the subject matter of U.S. Patent Application Serial No. 09/920,786, into an internal product named "Wallace 3.0." The pages attached to this Declaration are true copies of status reports from January 3, 2000 to April 21, 2000 concerning this project. Also included is a summary of relevant entries in these status reports.

I declare that all statements made herein of my own knowledge are true, that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statement and the like so

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made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed on this 20<sup>th</sup> day of Apr, 2004 at Morrisville, North Carolina.

By: Brian Vosburgh  
Brian Vosburgh

## Summary of Relevant Entries from the Status Reports

7 Jan

Gromit II kick-off (Gromit is the code name for the part of our product that initially used the invention) researched XML

14 Jan

project plan

XML research

21 Jan

XML parser research

Gromit Project STD prototype

begin Preston port to Wallace 2.5.0.2 [Preston is the code name for the invention; while Wallace is the code name for the product that the invention extends and enhances]

28 Jan

Preston port to Wallace 2.5.0.2  
query mechanism

4 Feb

Preston port to Wallace 2.5.0.2  
query mechanism

11 Feb

Preston port to Wallace 2.5.0.2  
query mechanism  
database call

18 Feb

Preston port to Wallace 3.0 build  
query mechanism  
database call

started bringing Les up to speed with Preston etc.

25 Feb

[no status - vacation]

3 Mar

[no status - vacation]

10 Mar

finished porting Preston to Wallace 3.0  
pissed off James by releasing Preston (and other things...) to Wallace  
3.0 build started integrating XML I/O with Preston [at this point, Les  
Davis began helping me with the invention; mostly of his work was  
prototyping designs that I provided him and testing my work; here is  
his status report entry:]

- Learn XML syntax
- Get familiar with XML parsers
- Create DatabaseRow from XML text file
- Write out XML text file from DatabaseRow

17 Mar

integrated Preston with Les's XML work  
now we can read and write simple objects (yeah!)

24 Mar

put together Preston design doc  
work on Preston  
read, insert, update simple objects  
[Les's entry:]

1. Made changes to XML reading and writing code that:
  - improved performance
  - made code more modular
  - eliminated dependency on com.sun.xml.\* packages
  - provided an interface for Brian's code to use
  - lazy initialized parser and made it possible to use

different parsers

-various other changes

31 Mar

Preston design review  
well-attended; good input  
worked on Preston  
read all for simple objects  
Aggregate Collection-like Mapping  
[Les's entry:]

Thursday - some support, studied TOPLink testing framework  
Friday - worked on TOPLink testing for TOPLink SDK for XML

7 Apr

worked on Preston  
Aggregate Collection-like Mapping

14 Apr

[no status - vacation]

21 Apr

work on Preston  
SDK Aggregate Collection Mapping  
SDK Source Foreign Key One to Many Mapping  
start building descriptors  
Gromit DTDs  
[Les's entry:]

Continued working on testing for the SDK

Ed Grundler

From: Dennis Leung [dennis@objectpeople.com]  
Sent: Thursday, January 13, 2000 12:59 PM  
To: toplink.java@objectpeople.com  
Subject: Status Report for Jan 3 - 7, 2000

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Technology Center 2100

This is the new and improved version. The staff members are organized alphabetically in 3 groups, Ottawa, Raleigh (Virginia) and Sales.

Welcome to our new coops Hong, Denise and Wendy. Welcome back to Steven Vo and Shamima.

TOPLink team status report for Jan 3 - 7, 2000

Ottawa  
=====

Alan  
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Last week  
-----

Patent stuff

This week  
-----

More patent stuff.  
Prepare for WebSphere meeting.

Blaise  
-----

Status Report for January 3 - 7 2000

Monday:  
Helped King and Rob with the TLJ support overflow from Christmas break.

Tuesday - Wednesday:  
Recreating bugs and helping King with TLJ 2.5.0.1 patch release.

Thursday - Friday:  
Filled in for Peter K on TLJ support when he went home sick.

Christiana  
-----

Jan 04 - 07

Was on Backup for support - Recreated some issues and worked on fixes for some bugs. Also looked into improving Corba/oracle8i Demo.

Jan 10 - 15

On Support.

Dan  
---

- working with The Theory Center in Boston

Dennis  
-----

Jan 4 - 7

- TOPLink management meeting
- calls with The Theory Center
- spoke to Kathie Corner of Ucentric

Denise  
-----

Donald  
-----

Last week: IAMNetworks, San Jose, TOPLink/J and Weblogic consulting  
This week: Abatis-Systems, Vancouver, TOPLink/J consulting

Doug  
-----

Status Report: January 4-7, 2000

BOOKED SERVICES (next week):

- \* POC booked: UPOC in NY for Jan 11 & 12 - Huyen
- \* TL/J Consulting booked: ORRP in NY Jan 11 & 12 - Doug
- \* TL/J Consulting booked: Aventis (Ariad) in Boston Jan 13 - Doug
- \* TL/J Consulting booked: Abatis Jan 10-14 in Vancouver - Don
- \* TL/J Consulting booked: Integral Jan 10-Feb 4 in Palo Alto - Christian STUFF I DID THIS

WEEK:

- \* Spoke to many customers
- \* Spent hours on phone with Integral and TOP UK
- \* Beat up next week's customers for signed contracts
- \* Marketsoft consulting discussions (want 1-2 months)
- \* ERC training/consulting discussions TL/ST
- \* TL/J BMP consulting with Novazen discussions, postponed a week
- \* Project Achieve would like 2 days consulting/training in late Jan/ early Feb
- \* AG Edwards about upcoming service requirements
- \* Edge Technologies sent in PO for services .. some day

ME NEXT WEEK:

- \* Meet with Goldman Sachs at 10:30 am Monday in NY
- \* Meet with Dresdner at 2 pm Monday in NY
- \* Eat large meal with Huyen and Dennis
- \* Tuesday & Wednesday at ONRP
- \* Thursday at Aventis in Boston
- \* Friday: answer all emails and phone calls from Monday - Thursday

Gary  
-----

Status Report  
Y2K, baby!

Jan 3rd - Jan 7th 1900

[1] DSI sent a full source of TOPLink 2.5 for escrow purposes. Dennis has the file on this.

[2] Continued looking into 100% Pure Java Certification. Mike Milinkovich has a legal document in his hands that we need to sign. I'm waiting to hear back from him.

[3] Dennis requested I cite the requirements of the new testing lab. The result: "The TOPLink Testing Lab: An Initial Discussion" - a document that I've been working on has been submitted to Peter O for review. I will present it and make it available to the team once it has been edited. The document contains a host of recommendations for the new lab, as well as an initial proposal for machine architecture.

[4] Downloaded Inprise Application Server. It can be found on \\OPSERVER\Install\Inprise for anyone who wants to look at it. We have a free-floating 60 day license for it. Enter nothing for the registration key to enable this 60 day license.

[5] Smalltalk Support. We're getting swamped again. The perpetrators:

Hernan Wilkinson (BitX)  
Julian Ford (Stelco)  
Rick Talken (ERC)  
Martin Stupal (WhiteStein)  
Joerg Trundt (Markant)  
John Tobin (TOP)  
Rob Kerr (Health Objects)

It may be worth noting that Rob Kerr of Health Objects was apparently a little annoyed with us. Please consult Martin K for more details.

[6] Loadbuild! 2.5.0.1 was built and tested and packaged. It's been placed on the download site, and we just need to inform the clients about it. We should do it sometime this morning.

[7] Talked to Brian Vosburgh regarding syncing repository information between Ottawa and Raleigh. I think we've got a system that's a little awkward, but workable. Welcome to the toontown party!

Hong  
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James  
-----

Status: Jan 10, 2000 - JBS

Last Week:

- \* 3.0 planning, couple meetings, catch-up from Christmas
- \* Some support
- \* Some patch development, and helping with patches
- \* 3.0 feature development - batch reading, now support nested, m-m, dc, aggregate, mapping specified batching and joining
- \* 3.0 feature development - briefly looked at reporting

This Week:

- \* Help with support/patches as Peter and Rob are away
- \* Get someone start looking at EJB CMP on Websphere, most likely myself as everyone else is not here or on support...

Joel  
----

Last Week:

- WebLogic Support
- continued 1.5 testing.

This Week:

- 1.5 testing

King  
-----

- \* support on Monday
- \* patch 2.5.0.1 load build

Martin

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Last Week 3-7Jan:

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I can hardly imagine worse start of the new year (apart from family tragedies and stuff), though I kind of expected it. I was busy all week with a load of support partially accumulated from the holidays. To conclude the whining, customers asking questions like "When will the 5.0.1 be out ?" were a real 'help'.

This Week 10-14Jan:

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- Try to catch up on last weeks support. It is realistic assuming it calms down a bit.
- Try to figure out how are we going to get the 5.0.1 out
- If there is any spare time left, continue working on 5.0.1

Mike K

-----

Status report for Jan 3 - Jan 7

- investigated issue of running TOPLink for WL on WebLogic cluster
- configured and deployed selected bean tests on cluster
- conclusions for working in the very short-term:
  - small patch to TL4WL
  - hard constraints on bean deployment

Mike N.

-----

Accomplishments

- a.. [FINALLY!!!] Found a way to simplify starting up weblogic (i.e. single-class path) - just give the server a name!!
- b.. [FINALLY!!] Got WLS 4.5.1 running in VisualAge: WebLogic released an integration package Dec 11th (just before TOPics). After re-installing VAJ and applying a bunch of patches/packages, WLS 4.5.1 is now reliably running in VAJ - yeah!!!
- c.. stayed late one night to help Albert with clustering: works reliably now
- d.. tech support:
  - a.. clean up after Xmas holidays - Note: Clustering is the new 'hot' issue.
- e.. TOPLink for WebLogic course:
  - a.. due to support, I didn't get much done on this. For the next interval, Huyen is 'it'
- f.. Consulting:
- g..
  - a.. RTOne:
    - a.. Tad has found more bugs - one we know of that will be fixed in TL4BEAWLS 1.5, the other is intermittent and we do not yet have a reproduceable test-case for it.
  - b.. Warburg-Dillon-Read
    - a.. we made the short-list!

Issues

- 1.. TL4BEAWLS 1.5 testing
- 2.. Clustering
- 3.. TOP 303 course development
- 4.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This Week's WorkItems

a.. Testing in 1.5 stream with new testing browser

b.. work on course TOP 303

Next Week's WorkItems

- a.. Denali stuff is now available from WebLogic



Peter K.

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Peter O

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Last Week

- On support
- Conference call with LoopNet
- Conference call with Auctia
- Sales meeting
- TL Mgrs meeting
- Reviewed test suite plan
- Hong Nguyen started
- Coop job descriptions sent to Carleton

This Week

- Wendy, Denise, Shamima, Steven, Gordon start
- Pascal to stay in Ottawa office
- Kick off winter newsletter
- Coop job descriptions to Sherbrook
- Start tracker upgrade

Rick

----

On vacation last week.

Rob

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Week of Jan 3-7 2000

- Began investigating TOPLink JTS integration with other AppServers (WebSphere, Inprise, Oracle).
- Handled some support
- Prepared for Shoulders consulting

Shamima

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Stephanie

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Status Report Jan.4-7/00

- set up laptop
- cleaned up test cases
- set up for new testing browser (debugging)
- outstanding support issues
- worked on interpretive dance "TOPLink 2000"

Steven V.

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Wendy

-----

Raleigh

=====

Brian

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last week  
Gromit II kick-off  
researched XML  
interviewed candidates  
cleared out inbox

next week  
research XML  
work on project plan  
port Preston to Wallace 2.5

Charlene

-----

Last week:

- Lots of Gromit planning
- Lots of recruiting activity (just for Raleigh office, in general)
- Worked on initial Java model and layed out general viewer

This week:

- Feature list for Gromit 3.0
- Design PR database to be used here in Raleigh
- Breakdown of tasks and initial schedule for 3.0 development
- More development
- Follow-up on recruiting activities

Chris

-----

This week:

On Builder support - very heavy, about 50% of my time was spent answering questions. A few bugs were found in the JDBC server.

Design sessions for 3.0

Started on very basic model for the Builder

Interviewed Selim Sanin

Worked on Tree Node implementations for the Builder with Roger

Next week:

Work on some basic widgets for the Builder  
Wrap up this week's open support items  
Order computer for Pascal  
Rearrange furniture  
Move to VA 3.0  
Put our basic Builder parts together  
Go over feature list mid-week

Huyen

-----

Pascal

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Paul

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1/3 - 1/7:

- Design meetings for Builder 3.0
- Worked on builder model basic classes
- Worked on builder ui main view
- Investigated move to VA Java 3.0

Roger

-----

Jan 4-7

Met with Builder team to assess feature requests for 3.0 release. Identified first-phase tasks for implementing builder in Java and made assignments for team programming. Worked on first phase implementation of core builder model classes and wrote tests for same. Worked on builder tree node hierarchy and project tree view.

Next week: (Jan 10-14)

Continue working on tree nodes and project tree view.

Assess second-phase tasks, incl: expanding first-phase model classes to include mappings, qk's, etc.

Sales

=====

Katherine

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New customers for the week of January 3rd:

Koeslon Inc TLWL  
Scient Corporation TLWL  
Scania TLWL  
ProSieben Information Service GmbH TLJ  
Edge Technologies TLJ  
Zland TLJ & TLWL  
AG Edwards & Sons TLWL  
Calico Commerce TLWL  
Savatar TLJ  
Universal Point of Contact (UPOC) 3 TLJ

Evaluators for week of Jan 3-9

TLJ 33  
TLWL 39  
TLST 1

Stephen

-----

Yash

-----

a.. Talked to Mike Jenkins of Northern Trust Bank regarding TLWL. The primary issue here was using TLWL in a clustered environment.

b.. Carl Bean of Space Works called for general info on TLWL, also about debugging TLWL

under JBuilder 3. They have a BEA sales presentation this week, will look to evaluate TLWL if they decide to go with WebLogic.

c.. Talked to Patrick Wright of Direct Network Access Ltd. about TLWL. The main issue with them was affordability - they will have a team of about 25 developers but about 20 of them for only 2-3 months. Katherine has offered them a pricing package that, hopefully, will meet their needs.

d.. Talked to Katherine of Ultimate Software. They were at the Java for Business Expo and would now like to set-up a ½ day on-site visit from a consultant for a demo and a discussion with their development team on their project. Ultimate Software is on Doug's list.

e.. Had numerous conversations and e-mail exchange with Pengyu Wang of Goldman Sachs. Pengyu is evaluating TLJ and had questions on caching, inheritance and 1:m relationship with self. He may also submit a "new-feature" request for specifying filtering criterion in the builder.

f.. Talked to and exchanged e-mail with John Xu of Savatar. John had some questions on 1:m mappings and alternatives for avoiding a back-reference from the target class.

g.. Talked to Andy Marby of Condor Corporation. Andy was looking for a brief overview of TLJ and general pricing info. They may soon be starting on a new project where TOPLink may be a good fit.

h.. Followed-up with David Krebsbach of Bell Helicopter. They are still a month away on making a decision on a group of infra-structure products. Did tell David about the new features in TLJ 2.5.

i.. Called and left my contact information with a couple of new evaluators - Voya Lepoyevich (Forecom) & Amit Mathur (Oracle).

j.. Got a call from Shail Jain ( a family friend) of Intelligent Information Systems regarding education/training and mentoring on a their new OO project involving 15-35 developers. Ron Charron and Alex Vasilos are pursuing this further.

k.. Upgraded to TLJ 2.5 on my ThinkPad.

Ed Grundle

From: Dennis Leung [dennis@objectpeople.com]  
Sent: Tuesday, February 01, 2000 11:28 AM  
To: toplink.java@objectpeople.com  
Subject: Status Report for Jan 10 - 14, 2000

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Technology Center 2100

TOPLink team status report for

Ottawa

Alan

Last Week

Working on patents.  
Preparing for WebSphere meetings.

Next week

At WebSphere meetings.  
Leave for vacation (Fri).

Blaise

Status Report for Jan 10 - 14 2000

Monday & Tuesday  
- Finished up last weeks support issues with Peter O.

Wednesday  
- Recreating/Fixing bugs for TLJ 2.5.0.2

Thursday  
- Helped Christiana with TLJ support (Handled my 100th support issue, woohoo).

Friday  
- Created unofficial patch for Qwest to fix their deadlock situation. Worked on creating test cases for 2.5.0.1 and 2.5.0.2 patches.

Next Week  
- TL4BEAWLS support

Christiana

- Was on support last week(phew!)

This week

-Clearing up support.  
-Work on loadbuild/bug fixes for 2.5.0.2

Dan

Jan 10 - 14

Prime on TOPLink WL support

Had meetings with team on development issues

Wrote up development item list, began feature doc on clustering Wrote up lots of responses on clustering Had discussions with Mike K and Mike N on clustering support Meeting with Daryl, David, Andrew about, you guessed it, clustering

Dennis

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- went down to New York to meet with Dresdner Bank
- TOPLink executive meeting
- talked to Mike McHugh about WLE
- met with ISG
- school on Friday

Denise

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Donald

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Last week: Abatis-Vancouver

This week: Monday-SnapFish.com, Tue-Thur, PE BioSystems

Doug

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Gary

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Status Report - Jan 10th - Jan 15th

[1] Completed official first draft of Testing Lab paper. Waiting for comments from Dan before making corrections and distributing to Services folks.

[2] Hooked Soeren up with the latest build (and source) of TOPLink (2.5.0.1). I have his PGP key, so if anybody needs to send him something "securely", let me know. Apparently, our German comrades are having trouble downloading the latest patches off our site. I ended up sending RARed JARs to Soeren directly by e-mail.

[3] Began playing with Solaris. Mike Norman set me up. I just have to work through two years of [repressed] memories of Unix System Administration. Accordingly...

[4] ...looked into obtaining Oracle for Solaris. Anick has downloaded a trial version from the website. Now all we have to do is install the sucker.

[5] Helped James run some performance tests. Had to screw around with Sybase server for a bit, and came up with some new interesting swear-words as a result. But we're ok now.

[6] Smalltalk support: nothing new. Martin spent the week catching up on issues from the previous week.

[7] Made a full source CD for Bank Of America. I have a copy of it if anybody wants to know exactly what was sent to them.

[7] I attended Rick's TOPLink Intro course Wed - Fri.

Hong

-----

On course

James

-----

Status: Jan 13 2000

Last Week:

- \* Lots of 2nd hand support, really missed Peter
- \* Validated performance metrics results and changed some tests
- \* Extended the performance profiler to show more information for the performance metrics
- \* Investigated other EJB servers for CMP
- \* Installed Inprise Application Server and started looking at their CMP support
- \* Made sure that the Websphere machine was ordered and will hopefully come soon (we cannot start Websphere investigation until we have a machine)

Joel

-----

- testing of TLWL 1.5, including fixing tests where applicable
- planning and design of RemoteCursoredVectorEnumerator
- help with BMP support
- support for downloading of patches

King

-----

- \* Support week with Christiana
- \* Spent Thursday home with Mom.

Martin

-----

Last Week 10-14Jan:

- Fortunately the support calmed down significantly so I managed to catch up within the first half of the week.
- I started to review the 3tier stuff and tests because it is long over-due, and there are people starting to use it. By the end of the week I've realized that despite of the vast majority of the tests passing it does not quite work as it is supposed to.
- The rest of the time I've spent complaining to Dennis about the resource situation in TOPLink/S "team". It should be resolved shortly. Watch this page for further announcements. Furthermore Alan still maintains his significant involvement in TOPLink/S activities. With all this the future does not seem so dark and I am much less depressed than I was the last week (as you've probably noticed).

Mike K

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Jan 10-14

- Support
- sneaked in for some of TL4J course

Mike N

-----

Peter K.

-----

Peter O

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Last Week

- New coops: Wendy, Denise and Shamima started. Attended TOPLink course
- New fulltime: Steven started
- Cleanup of support backlog
- 2.5.0.1 released and posted to web site
- Investigated discussion groups for support web site
- Coop job descriptions sent to Sherbrook
- Steven started development of John's sales tracking tool
- Testing lab plan review
- General admin and planning
- School Friday

Rick

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Status Report: Jan 10-14

Monday-Tuesday:

- Familiarized myself with the TOP302 (Intro to TOPLink) course & ZUnit
- Made some changes to TOP302 hands-on code to make it work with 2.5

Wednesday-Friday:

- Taught TOP302 course to Wendy, Denise, Hong and Shamima (Gary, Mike K. and Chulaka sat in as well)

Rob

---

Week of Jan 10-14 2000

Monday..Thursday: consulting at Shoulders helping them integrate the unit of work into their code. Previously they were using insertObject() and updateObject() throughout. This was slow going because they do not understand their code.

Friday: took care of some Shoulders support questions.

Shamima

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- a.. Setup workstation - installed and configured software (Mon)
- b.. Steph showed me the support tracker (Tue)
- c.. Mike showed me Pascal's new testing browser (Tue)
- d.. Reviewed some bright purple books (aka TL4WL docs)
- e.. My first Lunch and Learn - on clustering (Thu)
- f.. Attended refresher course on TL4J (Wed - Fri)

Stephanie

-----

Status Report Jan 10-14/00

-worked on top wl test cases



Steven V.  
-----

. Make a patch in 2.5 patch stream to fix the concurrency problem of decrypting  
license key when logging in. This patch should be merged with our 2.0 stream. . Refresh  
TL memory. . Discuss with Peter O about the keeping Goldmine data in sync with support  
data . Study the Customer Management System model.

Wendy  
-----

Raleigh  
=====

Brian  
-----

last week  
project plan  
XML research  
MyDiary.com

next week  
Gromit DTDs  
Preston port

Charlene  
-----

Chris  
-----

This week:

Spent some time on the phone helping David Clark (EDS) and Jeff Springer (Shoulders).  
Jeff Springer is definitely one of the more clueless customers we have. I had to help him  
with WinZip just to get him to send me a file. He doesn't know his way around NT - until  
I talked to him he was rebooting NT every time he changed his classpath. Needless to say,  
it was some was painful phone support.

Made a few minor updates to the TOPLink Course.

Worked on the Builder - We can now add a simple example project to the Builder.

Worked on Project Properties panel with Paul.

Migrated to VA3.0 / JDK 1.2. Way cool feature - they have a migration tool that renames  
all packages from com.sun.java... to javax...

Huyen  
-----

Pascal  
-----

Status report January 10 to 14, 1999

Last week:

- Tried to pass the immigration in Toronto, been stopped.
- Returned to Ottawa.
- Worked from monday afternoon to thursday morning on the new Testing Browser (version 3).
- Tried to pass the immigration again on Thursday night at the Ottawa airport and successfully passed.
- Friday, work with Charlene on the Login panel

Paul

-----

Roger

-----

Jan 10 -14

Worked on JTree Project view, including display/update and dynamically adding descriptors/packages Worked on tests for same. Worked on PR Database specification

Sales

=====

Katherine

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New customers for the week of January 10th:

Gallup Organization TLWL

Printbid.com TLWL

Cygent renewed TLJ support

Fedex TLJ

New evaluators for week of Jan 10-16

TLJ 50

TLWL 46

TLST 1

Stephen

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Yash

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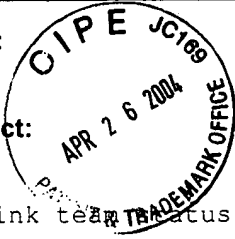
- a.. Follow-up calls to some of the would be evaluators - Merrill Lynch, Sabre, eDreams etc. Some were still out on vacation
- b.. Sent some info on TLWL/J2EE to MattB of Fusion.
- c.. Replied to technical questions from Suresh Poola & Pengyu of Goldman Sachs.
- d.. Worked on a couple of TLWL questions from Chip Broecker of TRC.
- e.. Talked to Mark Donahue of vianow.com - he had some general questions on TLJ.
- f.. Talked to Cid Dennis - general overview of TLJ and getting ftp download info.
- g.. Set-Up/Follow-up to meetings set up at Chase Bank (NY, 1/20), Ultimate Software (Ft. Lauderdale, 1/26) & Vertical One & Fusion (Atlanta, 1/27)
- h.. Exchanged notes with Dilip (CoolMail) & John Xu (Savitar) regarding TLJ
- i.. Talked to Phil Piety of Corelation Technologies on TOPLink features & pricing.



Ed Grundler

---

From: Dennis Leung [dennis@objectpeople.com]  
Sent: Wednesday, February 02, 2000 8:04 AM  
To: toplink.java@objectpeople.com  
Subject: Status Report for Jan 17 - 21, 2000



TOPLink team status report for Jan 17 - 21, 2000

Ottawa  
=====

Alan  
-----

- patent stuff

Blaise  
-----

Status Report: Jan 17 - 21

- TOPLink for WebLogic Support
- Talked with Brian Vosburgh about the Gromit teams plans for XML.

This week:

- Sent Brian some information on XML including a first draft of a Gromit DTD.
- Spoke to Shamina about XML.
- Creating test cases and bug fixes for TLJ

Christiana  
-----

Jan 17 - 21

- a.. cleared up support issues from previous week
- b.. helped with testing and debugging 2.5.0.2 patch loadbuild
- c.. dispatched 2.5.0.2 download information to clients awaiting patch.

Dan  
---

Jan 17 - 22

- > Made changes to SessionAccessor, UOWManager, etc. to get rid of JNDI stuff.
- > Handled some support (did some each day)
- > Worked with MK on getting testing framework to work in WL cluster
- > Call with clients concerning Clustering and TheoryCenter support.
- > Worked with MK on getting testing framework to work in WL cluster
- > wrote up development schedule for next few weeks
- > Looked at Denali build, noticed Kirk removed some API, argued with Kirk
- > answered more questions on clustering
- > discussed some issues with Huyen re: novazen, bmp, etc.

Dennis

RECEIVED

APR 29 2004

Technology Center 2100

-----  
Jan 17 - 21

- went to Pittsburgh to meet with IBM
- call with The Sauce
- cal with Scient
- went to Chicago to meet with Bank of America

Denise  
-----

Donald  
-----

Last week: SnapFish.Com and PE BioSystems  
This week: AG Edwards

Doug  
-----

- 3 day TOP 302 course for ODI is Boston
- Discussed Theory Center stuff with David from BEA during course
- Discussed ODI further integration with architects (Rick & Sam), developers, and Ses
- Dinner with Marketsoft to discuss consulting plans
- 5 hour flight from Boston to Chicago (the pilots forgot to show up)
- 1 day TL/J consulting with Bank of America (mainly around Inprise CMP integration w/o TOPLink assistance)
- Friday in office scheduling the next crazy week

Gary  
-----

Weekly Report - Jan 17 - 21st

[1] Assisted James on performance tests. Tests to continue this week.

[2] Recieved a micro-lecture on WebLogic clustering from David Roytenberg. Very informative. Thanks David!

[3] Helped Denise with some of the steps of getting the 100% certification done. Seems to be coming along quite nicely.

[4] Loadbuild: v2.5.0.2 built and shipped. Assisted by Christiana.

[5] Loadbuild: TLWL 2.5.0.2 - went a little slower than usual, but I'm slowly refining a process that should precisely label out the steps. (Slight difference between TLWL and TLJ builds)

[6] Recieved comments back from Dennis and Dan regarding Testing Lab. I will review comments and update doc accordingly this week.

- [7] Did some password maintenance on our download site with Paul Canniff. Some of the usernames and passwords had gotten out of sync, strangely enough. We're still trying to figure out what happened.

[8] Taught Denise, Wendy and Christiana how to play Pai Gow Poker, Grand Prix Poker, and the ettiquette for associated games. They're quick learners; I'll have to move them onto craps and baccarat next.

The Future:

[1] PRIORITY 1: Finish packaging TLWL v1.5 GA. Waiting on WebLogic team for a green

light. [2] Refine Testing Lab doc. Once it has been cleaned up, I will pass a copy onto Wayne, Anick, and anybody else who is interested. [3] Need to complete immigration forms and send 'em in to become one of those pesky landed immigrants.

Gordon  
-----

I spent last week on support.

Hong  
-----

Wrote a small GUI generating support reports.  
Recreating problems for support.

James  
-----

Status: Jan 25 2000 - JBS

Last Week:

- \* On support, the start of the week was insane, the end tapered off This Week:
- \* Got Websphere installed, will look into CMP

Joel  
-----

- researched and started remote cursor feature.
- built TLWL 1.5, TLJ 2.5 tests
  - in-memory querying
  - batch reading of a 1-1
- support
  - 1.0.2 patch releases

King  
-----

- dealt with several issues reported by the clients
- started working on aggregate collection mapping
- second ultrasound for the baby

Martin  
-----

Last Week 17-21Jan:

- Reasonable amount of support (Sysopen, SPL, Adventa Tech., John Tobin)
- Did further exploration of the server commit problems, new & deleted objects don't seem to merge. The fix is not going to be straightforward
- Talking to Dennis and Boris, and helping Boris to get started

This Week 24-28Jan:

- Support
- Continue to work on the Server stuff
- Get Boris up to speed asap

Mike K.  
-----

Jan 17-21

- clustering (the horror, the horror...)
- worked on getting existing test framework running in clustered env. (with deployment

constraints)

- started new test cases to uncover cluster behaviour

Mike N.

-----

Peter K.

-----

Week of Jan 17 - 21

--

- Helped with patch release 2.5.0.2
- Bug fixes
- When on a consulting trip to CommerceInc.

Peter O

-----

- Started 100% Java certification. Denise is working on the tests and docs.
- Steven and Wendy started the customer report generator tool (TOPLink based)
- Kicked off Winter TOPLink Newsletter
- Reviewed new recruiting literature
- Weekly IT meeting with Wayne and Anick
- > IT will now use a version of the support tracker for tracking issues
- Weekly TL managers meeting
- Complete support overview document
- Coop job descriptions sent to Carleton

This Week

- Carleton career fair on Wednesday
- Seating plan meetings for new building
- Weekly IT meeting
- Support meetings with John and Mike
- Book VPN blueprint session with JetNet for Feb 7-8
- Develop job descriptions for admin and db admin positions

Rick

----

Status Report: Jan. 17-21 2000

Monday-Wednesday:

- Assisted Doug teaching TOP302 at ODI in Boston.

Thursday-Friday:

- Tracker development
- Worked on customized Tracker for IT department
- Deleted Support database... oops

Rob

---

Shamima

-----

Activities (This Week)

- a.. Mike N set up a database for me on the Earth machine
- b.. Reviewed deploying beans/testing with Steph

c.. Met with Dan re: TLWS development - decision: work on Denali release  
d.. Mike N helped set up my environment (thank you!)  
e.. TL4WS testing - I am now the testbuild prime \*grin\*  
f.. Started looking at Denali related docs

Stephanie

-----

Status Report - Jan.17-21/00

-support  
-test case (map, collections)

Steven V.

-----

Last Week Jan 17-21

. Work with sales report tracking app

Wendy

-----

Raleigh

=====

Brian

-----

last week  
XML parser research  
Gromit Project DTD prototype  
begin Preston port to Wallace 2.5.0.2  
paralyzed by snow

next week  
continue Preston port to Wallace 2.5.0.2  
Gromit DTDs

Charlene

-----

Chris

-----

This week:

Taught TOPLink Course in San Jose for PE Biosystems with Donald. After some setup headaches on the morning of the first day, things got much better and we got great reviews.

Next week:

Builder 3.0 coding  
Huyen

-----

Pascal



-----  
Status report for the week ending January 21, 1999

Last week:

- Worked on the Builder with Paul, Project Properties Panel.
- Worked one day on the creation of a JSpinButton with a JNumericField (a text field for numeric values).

This week:

- Continue to work on the Builder.

Paul  
-----

Roger  
-----

Sales  
=====

Katherine  
-----

Sales for week of Jan. 17th

Harland TLJ

Dresdner Bank TLWL

Sprint TLJ

New evaluators for week of Jan 17-23

TLJ 53

TLWL 28

TLST 2

Stephen  
-----

January 17-21

Vacation

Yash  
-----

a.. Talked to Stephen Earl of Rockford Corp regarding their evaluation of TLWL. They have a couple of outstanding questions that I'm working on getting answers to through support.

b.. The Chase Bank meeting originally scheduled for 1/20 has now been rescheduled for 1/31. Looking for Additional afternoon meetings.

c.. Talked to Ravi Ravindra of Indra Systems regarding TLWL and the benefit it provides over vanilla CMP. Indra Systems is evaluating Persistence and BEA WebLogic.

d.. Talked to Greg Herb regarding TOPLink 3-tier framework and connection management. Greg is going to be attending TOP302 in Raleigh 2/2-2/4.

e.. Talked to Malay of BOA securities - gave an overview of TLWL, they're just getting started with the evaluation.

f.. A few follow-up calls - Teranet Land Info Services, Merrill Lynch, Sabre, eDreams etc.

g.. Replied to more questions from Pengyu Wang of Goldman Sachs - advised him to direct support related questions to TOPLink support.

h.. 3 meetings set-up for 1/27 in Atlanta. Ultimate (Ft. Lauderdale) has now asked to reschedule the 1/26 meeting.



## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Thursday, February 03, 2000 9:12 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for Jan 24 - 28, 2000

TOPLink team status report for Jan. 24 - 28, 2000

Ottawa  
=====

Alan  
-----

- on vacation

Blaise  
-----

Status Report Jan 24 - 28:

- Talked with Gromit team and Shamina about XML.
- Test case development
- Setup TOPLink WL test/debug environment in VA 2.0
- Got/setup laptop.
- Spent Wednesday at the Carleton Career Fair with Christiana
- VA 3.0 setup (most things seem to work, some issues with CORBA).

Next Week:  
- WebLogic course

Christiana  
-----

Jan 24 - 28

Bug Fixes  
Building Test cases

Jan 31 - Feb 4

Support

Dan  
---

- > reviewed Huyen's consulting report for novazen / bmp
- > call with steve murray at xepa
- > had some meetings with Shamima re: Denali
- > several calls (3) with Theory Center
- > finished off list of Theory Center issues
- > call with SG Edwards re: clustering
- > call with ODI re: EJB 2.0
- > answered some support questions
- > answered more questions on clustering
- > wrote up part of release notes for 1.5
- > found infinite loop in denali code
- > began Denali implementation

> looked into xml and jar files required for bean deployment

Denise

-----

Jan 24-28

-Worked on completing the 100% Pure Java Certification verification package (tests and docs) for TOPLink for Java 2.5.

Dennis

-----

Jan 24 - 28

- went to Germany
- gave a talk at the OOP conference
- attended a meeting at Siemens
- met with some customers and people who want to partner with us

Donald

-----

Jan 24-28 - AG Edwards in St. Louis

Jan 31-Feb- Clustering White Paper

Doug

-----

- Monday & Tuesday at Callidus (San Jose) porting 1.1 to 2.5.0.2 (eval)
- Late evenings working on some TOP 303 exercises & Servlets
- Took red-eye home on Tuesday night after dinner with Christian in Palo Alto
- TOP 303 discussions
- Services Administration
- TTC Components, conference calls
- Novazen BMP issues

Gary

-----

[1] At James' request, recieved and configured a new machine ("NEPTUNE") to be our now WebSphere server. It's up and running now, in between Peter and Christiana. Visual Age 3.0 has also been installed on this machine for experimentation purposes.

[2] With respect to Visual Age 3.0, apparently IBM has "leaked" a JDK1.2 compliant version of VA to us. It has not been released to the public, but we managed to get a hold of a copy. Unfortunately, nobody on TOPLink seems to know where the CD is. I need to do some snooping this week.

[3] More performance tests run. Oracle is done; we're now onto running Sybase tests.

[4] Spent most of Wednesday at Carleton, on booth duty with Blaise and Christiana. Some very promising candidates...and lots of very -un-promising candidates.

[5] Big Task Of The Week: TOPLink for BEA WebLogic Server 1.5 GA. Built, tested, shipped to FTP site. CD to be cut today. Full source editions to be given to Soren in Germany and Huyen (currently standing 10 feet away from me)

[6] TOPLink for Java 3.0 build started on Friday.

[7] A discussion with Rick revealed that he is interested in taking over Installshields from me. Accordingly, with Peter's seal of approval, Rick has agreed to take my place at the Installshield training sessions next week.

## The Future

- [1] Need to finish Testing Lab doc. Sidetracked last week.
- [2] Performance tests need to be finished.
- [3] 3.0 Loadbuild should be finished today or tomorrow.
- [4] 2.5.0.3 to be build end of this week.

Gordon

Hong

Jan 24-28:

Test cases: API for DISTINCT, no constructor with 0 param, and 0 param constructor is private. Recreated problems.

James

Joel

King

- worked on the 3.0 new feature -- aggregate collection mapping (1:m), the new mapping class was created (AggregateCollectionMapping) and the insert and read was working.

Martin

Last Week 24-28Jan:

- Mostly support
- Spent some time with Boris, explaining realities of TOPLink/S life (Setup, Testing, PRS, ...)
- Played quite a bit of hockey, which I am really proud of

This Week 31Jan-4Feb:

- Finish some patching and testing
- More support
- Help to draw some 5.1 plans
- Continue to work on the Server stuff
- Play more hockey as soon as I get it over with my sore throat

Mike K.

Jan 24 - 28

- helped test TOPLink for WebLogic 1.5 beta release
- wrote new batch of clustered tests
- started documenting clustering recommendations/suggestions

Mike N.

-----

Peter K.

-----

Peter O

-----

Last Week

- Weekly managers meeting
- Weekly IT meeting
- Support meetings with John and Mike
- Final Seating plan meeting
- Carleton Career Fair on Wednesday
- Parsed Carleton Coop CVs
- Prepared TOPLink admin and test lab admin job descriptions
- School Friday

This Week

- Submit Carleton and DalTech coop interview requests
- Tracker meeting with Rick and Wendy
- Finalize VPN Blueprint schedule with JetNet
- Meet with Jane and Paul re: TOP support site updates
- Start assembling TL newsletter

Rick

----

Rob

---

Week of 24-28 January 2000

- TOPLink for Java support with Stephan Vo

Shamima

-----

Activities (This Week)

- Met with Dan about Denali (WebLogic 5.0) integration work
- Blaise gave me a mini tutorial about XML
- Read an XML guide on the web
- Reviewed WebLogic documents about Denali
- Read Steph's doc: building .jar files
- Mike showed me the basics of the Support procedure
- TL4WS Support!!
- Got WebLogic's graphical DeployerTool running

Plans (Next Week)

- WebLogic Server course
- Denali

Stephanie  
-----

Status report Jan.24/28 00

-finished support emails left over from previous week -investigated mapping with java 2.0 collections, potential problem -started work on hot deployment feature -problems with jar files/jdk1.2.2 (mangling of manifest files) -basic, basic, basic demo of l-M bean to object mapping for Nokia

Steven V.  
-----

Wendy  
-----

Raleigh  
=====

Brian  
-----

last week  
Preston port to Wallace 2.5.0.2  
    query mechanism  
Transparent Indirection white paper  
lots of snow (again)

next week  
Preston port to Wallace 3.0 build  
    database calls  
Gromit DTDs  
Transparent Indirection white paper  
XML parser research

Charlene  
-----

Chris  
-----

Huyen  
-----

Pascal  
-----

Status report for the week January 24 - 28, 2000

Last week:

- The Office was closed two days, so could not do a lot.
- The server crashed, so one day of work was lost.
- Worked on the Builder: Project Properties pages and finish the development of its related classes.

This week:

- Help to set up the computer for the class room
- Continue to work on the Builder

Paul

-----

Jan. 24 - 28

- Worked on properties panel for BldrPackage and accompanying tests.
- Worked on UI features for BldrMainView.
- Worked on model for BldrPackage and BldrProject.
- Made big freakin' snowman in my backyard.
- Cut donuts in the grocery store parking lot in my all-wheel drive.

Roger

-----

Sales

=====

Katherine

-----

New Customers for week of Jan 24-28

Online Retail Partners TLJ

Sprint TLJ

Robert Half International TLJ

Nuforia TLJ

BEA Systems Europe TLJ

United Overseas Bank TLJ

France Telecom TLJ

Sprint TLJ

Callidus TLJ Support Renewal

RPS TLJ Support Renewal

Foreningssparbanken TLJ 2.x upgrade

Northern Trust TLWL

Mincom TLWL

Snapfish.com TLWL

New evaluators for week of Jan 24-30

TLJ 50

TLWL 42

Stephen

-----

Yash

-----

a.. Contacted Ultimate, BellSouth, VerticalOne, Fusive to set-up the agenda for the forthcoming meetings on 26th & 27th. However the meetings will now need to be scheduled - Ultimate because of reorganization and others (Atlanta) because of RDU airport closure caused by the snow storm.

b.. Contacted/left messages for numerous TLL/TLWL evaluators whose license recently expired - JP Morgan, eBuilt, Diamond Technology Partners, MediaLogic, Marathon Innovation,



Momentum. Those I could contact did not complete the evaluation for various reasons, project dropped, went with Websphere instead of WebLogic etc.

c.. Conference call with a group of people at Workscape to discuss their questions on TLWL. The group also included Sean, a WebLogic consultant working with them. The call went well mainly going over the mechanics of developing, defining finder methods and deploying EJB under TLWL.

d.. Prep for the upcoming meetings in NY - Chase and Kaplan

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, February 09, 2000 9:32 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for Jan. 31 - Feb 4, 2000

TOPLink team status report for Jan 31 - Feb 4, 2000

Ottawa  
=====

Alan  
-----

- Catching up on issues from vacation
- Researching patents
- Talking to lawyers
- More talking to lawyers
- Reading the EJB 2.0 spec draft 0.4
- talking to OAS, Inprise and GemStone re: generic EJB API and TOPLink integration
- Looking at Theory Center issues w/ Doug + Dan
- ST 5.1 planning meetings

Blaise  
-----

Status Report Jan 31 - Feb 4

- Test case development/VA 3.0 setup a repository.
- BEA WebLogic Servlet (1101) and EJB (1102) courses.
- Helped out with TLJ support.

Next Week:  
- TLWL Support

Christiana  
-----

Jan 31 - Feb 4

On support

Dan  
----

Dennis  
-----

Jan 31 - Feb 4

- meeting with Cincom
- interviewed candidate
- call with WDR
- reviewed and edited press releases

Denise  
-----

Jan 31 - Feb 4

- Finished the 100% Java Pure Certification verification package.
- Worked on Support Tracker improvements, mainly being able to email clients directly from the Tracker instead of using Outlook.

Donald

-----

Week of Feb 1 - Clustering stuff

Week of Feb 7 - Reliance Insurance, Land of Cleve.

Doug

-----

Gary

-----

Status Report - Jan 31st to Feb 4th

[1] Rebuilt TOPLink for BEA WebLogic Server to be a Beta as opposed to a GA. It's available now!

[2] Experimented with VA 3.0 with Blaise.. We seem to have a working 3.0 repository. Any brave souls want to start developing on it?

[3] A few TOPLink Smalltalk meetings were had. The timeline for 5.0.1 / 5.1 were worked out. I've been charged with getting the testing side of TLST up to speed. This will be by #1 priority for the week.

[4] Worked out a few moving details. The new testing lab is approximately 30 x 15 feet, so we should have plenty of space. Now it's a matter of making sure the furniture is in place when we move in so we can have a minimal downtime for the lab.

[5] Finished a 3rd draft of the Testing Lab document! I need to make a few minor corrections before floating a copy to Wayne and Anick.

[6] TOPLink 2.5.0.3 built. JARs are ready, but not yet placed on FTP site. I will do it this morning.

[7] Filled out most of my immigration docs. A few more to go.

Gordon

-----

Last week I was on TLWL Support and the Weblogic course,

This week I'm working on Bug Fixes and test cases and the TLWL course

Hong

-----

Recreated problems for TLJ support.

James

-----

- on vacation

Joel

-----

TLWLB1:

- updated doc for TLWL 1.5b1.
- tested the rebuild.

CursoredStreamRemote:

- finished first version of CursoredStreamRemote for use with finders.
- rebuilt the top.j to replace TOPVectorEnumerator with Enumerator/EnumeratorImpl and CursoredEnumerator/CursoredEnumeratorImpl.
- tested using a new finder test in the Employee example. This works with a new query whose result is a CursoredStream.
- added a more tolerant nextElements(int count) to CursoredStream in TLJ. (not yet released).
- determined transaction behaviour required for cursored streams to work with ejbs.

King

-----

- load build 3.0.alpha open edition with Gary
- worked on Tan Siowbonn's problem
- helped Christiana with some support issues
- load build 2.5.0.3 patch with Gary

Martin

-----

Last Week 31Jan-4Feb:

- Did a butt-load of support (SPL, ERC, AdventaCT, Grznord)
- Built a new test model to support complex expression tests
- Updated the TOPLink/S Swiki, added bunch of TOPLink documents: Release 5.1, LifeAfter, Testing Process, Testing Framework, Support Process, ...
- Helped to organize the 5.1 release planning (quite successfully, the schedule is on the swiki)

This Week 7-11Feb:

- Support
- Finish the CompositeKey model and tests
- Continue to work on the Server stuff
- Start the relase testing

Mike K.

-----

Jan 31 - Feb 4

- support
- tutored Donald on WL cluster and clustered tests framework
- more support

Mike N.

-----

- finished and taught TOPLink for WLS course

Peter K.

-----

- TOP302 Qwest in Columbus. 3 days.
- Support and "crazy week" catchup. 2 days.

Peter O

-----

Last Week

- Sales Meeting
- Submitted coop interview requests to Carleton
- Support web site meeting with Jane and Paul C.
- Sent contracts to KeyLabs for TOPLink's 100% pure certification
- Support Tracker meeting with Rick, Wendy and Denise
- Interviewed two full-time applicants
- Prepared schedule for this week's JetNet meetings (VPN)

This Week

- Meeting with JetNet Monday and Tuesday
- Submit TOPLink to KeyLabs for certification
- TOPLink support news groups up for testing
- Assemble winter Newsletter

Rick

----

Rob

---

Week of January 31 - February 4 2000

Cleaned up outstanding support items after my week on support. Built a couple of patches for TLJ. WebSphere JTS-TOPLink integration

Configured Neptune for WebSphere 3.0 with DB2. Reinstalled VAJ 3.0.

Looking at WebSphere code to figure out JTS integration.

Shamima

-----

Activities (This Week)

- a.. Met some more with Dan about Denali (WebLogic 5.0) integration work
- b.. Reviewed WebLogic Denali files
- c.. Discovered a couple of WebLogic's graphical DeployerTool bugs
- d.. Attended the BEA WebLogic Server course
- e.. Greg helped me get his XML classes imported into VisualAge (weird permission error!)
- f.. Lunch with the WebLogic Team
- g.. Started the XML deployment descriptor work
- h.. Started to check the weblogic denali newsgroups

Plans (Next Week)

- a.. Denali - XML work

Stephanie

-----

Jan 31- Feb. 04/00

- worked on hot deployment
- figured out what works, what does not
- correspondence with Kirk
- looked into: class loaders, serial version ids, problems with redeployment, jar files -
- test cases for redeployment

-according to Kirk - "redemption should not be used in production" -need to clarify this!

Steven V.

-----

Last Week (Jan 31 - Feb 4)

- . Assist Peter K instructing a 3 days TL course at Qwest.
- . Continue to work on the customer sale tracking system.

This Week (Feb 7 - Feb 11)

- . Continue to work on the customer sale tracking system.
- A demo will be ready in this week.

Wendy

Support Tracker Development

Raleigh

Brian

last week

support - mostly with MyDiary.com (the current Raleigh development effort) TOPLink class - helped Charlene some Preston port to Wallace 2.5.0.2

query mechanism

Transparent Indirection white paper

hiring interview

next week

Preston port to Wallace 3.0 build

database calls

Gromit DTDs

XML parser research

Charlene

Last week:

- Delivered TOPLink course to 8 students (other two days I spent preparing, setting up)
- Recruiting

This week:

- Recruiting
- Redesigning the way the builder handles database type information
- Importing table info
- Investigating java server problems in the current version of the builder

Chris

This week:

On vacation - hiked down to the bottom of the Grand Canyon and back. It was awesome.

Next week:

Working on making the new Builder persistent.  
New laptop arrives.

Help with interviews.

Huyen

- completed and taught TOPLink for WLS course in Ottawa

Pascal

Status report for the week January 31 to February 3

Last week:

- Still worked on the Builder
- Finished the Project Properties pages
- Finished coding the Table Properties pages

This week:

- Implement tests for the Table Properties pages
- Work on new stuff

Paul

Jan. 31 - Feb. 4

- Worked on physical appearance of BldrMainView
- Redid implementation of actions in BldrMainView
- Looked at current builder's method of database access

Feb. 7 - Feb. 11

- Work on new database sessions,  
use of specific database data types,  
and importing existing tables into builder.

Roger

Sales

Katherine

Sales for week of Jan. 31th

LHS Germany TLJ support renewal

Icarian TLWL

CommerceInc Corp TLJ

Dreamlot TLWL

BG Technology TLST

Quarry Technologies TLJ

Informa SA Spain TLWL

Appnet TLWL

New evaluators for week of Jan 31

TLJ 48

TLWL 30

TLST 2

Stephen

- Completed calls to current evaluators
- worked with Yash and Katherine to set up Atlanta site visit
  - Yash will be giving presentations to VerticalOne and PowerTel
  - this visit was previously set for late Jan.
- Sales meeting with Katherine, Peter O, Joel, Sharon, Doug

Yash

----

- a.. Presentation/Meeting in NY with Chase and Kaplan on 1/31
- b.. Rescheduling Atlanta appointments for Thursday 2/10 - BellSouth, VerticalOne and PowerTel
- c.. Lots of calls/e-mail to respond to technical questions on TLJ & TLWL - InterConnect, GFS, TransIlluminant, Safety National Casualty, FocusLearning, Netbacus etc.
- d.. New Sales/TOPLink architecture calls from Dan O'neal (E&Y chicago) and Chris Cordrey (GaleForce Software)
- e.. A bunch of follow-up calls to check on current/recently expired evaluators - more than half never got to it, pulled away to another project



## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, February 16, 2000 9:35 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for Feb. 7 - 11, 2000

TOPLink team status report for Feb 7 - 11, 2000

Ottawa  
=====

Alan  
-----

- patent stuff
- more patent stuff
- reviewing EJB 2.0 spec draft and interoperability documents
- talked to various vendors (Gemstone, OAS) on our EJB API
- starting on revised version of API
- getting organized for C&A Smalltalk
- lending my voice with Theory Center
- sr&d tax credit planning
- the usual run of miscellaneous

Blaise  
-----

Status Report for February 7 - 11:  
- TL4BEAWL Support

Christiana  
-----

Status - (Feb 7 - 11)  
a.. cleared support issues  
b.. attended V&J course(Mon - Thurs)  
c.. reproduced support problems  
d.. helped with bug fixes  
e.. tested and debugged 2.5.0.4 loadbuild

Dan  
---

Last week:  
Two day holiday  
Initial version of "denali" underway  
- created initial versions of CMPDeployer, CMPStoreGenerator for use with WL ejbc  
- created initial versions of toplink deployment descriptor classes  
- met with Shamima, determined format of toplink xml deployment descriptor  
- made changes to runtime to accomodate new WL interfaces

Meeting with team on current work items

This week:  
Denali:  
- code gen is basically working - finders and additional toplink properties need to be included.  
- initial runtime tests need to be done  
- breakdown of individual development items needs to be

finished.

Dennis

-----

Feb 7 - 11

- took Tuesday off
- conference call with Oracle
- had a call with PointBase
- call with Bank of America
- school on Friday

Denise

-----

Feb. 7 - 11

Last Week

-Support Tracker Development

This Week

-Support Tracker Development

-Recreating problems for TLJ Support

Donald

-----

Last week: Reliance Insurance, Cleveland

This week: Food.Com and Verve Inc, San Fran

Doug

-----

Gary

-----

[1] Spent a day trying to get the new Sybase ODBC client working. It's no good. Much frustration and running around. I will consult with Anick ASAP.

[2] Did some database cleanup for TLST. Most of the databases have been created. Just a few minor details needed to clean up.

[3] Went on-site to the new building with Anick. We have a plan for the testing lab which should allow us to be up and running on day 1. It should be pretty sweet.

[4] Built v2.5.0.3 jars for WebLogic at Dan's request. It is a special patch though; we're still directing people at v1.0.2 except for special cases.

[5] Looked into our download.objectpeople.com access logs. There are some really interesting stats in there. I will summarize and present the data to TOPLink.java once we have some good stat tools configured.

[6] Minor revisions to Testing Lab doc:

- Addition of Netscape IAS to App Servers to test
- One dedicated machine per app server!

[7] Began v2.5.0.4. Almost done.

The Future

-----

[1] Finish v2.5.04

[2] Build TLWL 1.5 b2

[3] Performance tests (still)

Gordon

-----

Hong

----

Recreating problems for TLJ support.

James

-----

- on vacation

Joel

----

-finish CursoredEnumerator (development and testing). -documentation for CursoredEnumerator. -study 1.1 spec to start working on CreateException for TLWL 1.6. - update 1.5B2 release notes. -work on TestingBrowser to provide summary stats. -run tests on 2.5.0.3 patch for Girish. -prepare for 1.5 B2 testing.

King

-----

- week of support with Peter K.

Martin

-----

Last Week 7-11Feb:

- Support (Markant)
- Finished the CompositeKey model and spent a lot of time trying to figure out proper write access for 1:1 mappings. It looks like it would be really handy to have a reference from a descriptor to its session (will have to talk to James about it)
- Cleaned up our test models and suites.
- Reworked the 5.1 schedule according to the discussion with Claire
- Resumed the work on the Server stuff, it takes a while to get up to speed on it again. Started to incorporate the new callback (courtesy of Boris) into the tests, implemented some new session callbacks along the way.

This Week 14-18Feb:

- Continue on the server stuff:
  - fix the granular merge for TUM & UOW
  - make sure we have good tests and that they pass
  - move on to the remote session tests, convert and fix
- Start the relase testing

Mike K.

-----

Feb 7 - 11

- whooped it up at Burger King
- helped on support, problem recreation
- initial design of TOPLink shared cache update synchronization protocol

Mike N.

-----

## Accomplishments

- a.. Feb 1-4 TOPLink for WebLogic course TOP 303: consultants from Entra's Finnish operations
  - a.. I think the course went fine - still more work needed on slides, exercises
- b.. Feb 7-9 TOP303: Federal Reserve Bank of Dallas
  - a.. Again, course went fine (based on course feedback), but still more work needed for exercises. In my opinion, the problem is the lack of IDE - doing programming exercises in Notepad+command line JDK is tough
- c.. Feb 10-11: Consulting Federal Reserve Bank of Dallas
  - a.. basically, they wanted opinions + misc. hand-holding over questions such as: should we move from SessionBean+JavaObjects to CMP Entity beans, getting WebLogic running in VisualAge, performance tuning (batch queries, etc)

## Issues

- 1.. Clustering
- 2.. Denali
- 3.. TOP 303 course development: still more polishing work needed for hands on exercises
- 4.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This Week's WorkItems

- a.. write consulting report for Fed bank
  - b.. finish changes to TOP 303 course
  - c.. TL4BEAWLS 1.5 stuff
- Next Week's WorkItems

- a.. BEA Users Conference
- Beyond Next Week's WorkItems
- 1.. TOPLink for WebLogic 1.6 development

Peter K.

-----

I was on support last week, and successfully raised my tracker score by about 90.

Some common issues include:

- People having trouble with the Server not starting in the builder. I have put a cut and paste answer in toplinkj's FAQ folder.
- People wanting alternative TimestampLocking policies. For example, one that makes use of Sybase's Timestamp field that is automatically updated.

Peter O

-----

## Last Week

- Meetings with JetNet re: VPN blueprint
- Coop interviews at Carleton
- Full time interviews with Andy and Carolyn
- Submitted Dal coop interview choices
- Ordered software and server for news groups
- Various support/customer issues
- School Friday

## This Week

- On support
- Interviews for Lab tech
- Launch news groups

Rick

----

Status Report: February 7-11

Monday-Wednesday:

- Attended "Using InstallShield Professional 2000" course at GP Learning, 99 Bank St.

Thursday-Friday:

- Tracker 2 development with Wendy and Denise
- Worked with Don on a support problem from Ian Forrester (Abatis)

Rob

---

Week of February 7-11 2000

- Spent a bit of time trying to get the TOPLink JTS integration on WebSphere. Wrote tests.
- 2 days training/consulting at MarketSoft. see consulting report.
- reproduced batch reading bug found by MarketSoft.

Shamima

-----

Activities (This Week)

- a.. Created TOPLink Document Type Definition files
- b.. Created TOPLink deployment descriptor XML files
- c.. XML help from Blaise
- d.. Reviewed various XML parser options - investigated WebLogic's strategy; Greg's framework
- e.. Took Wednesday off
- f.. Tested third version of graphical DeployerTool
- g.. Met with Dan re: XML deployment descriptors
- h.. Got a simple XML parser running
- i.. Created a class to use the XML parser to load a sample TOPLink Deployment Descriptor.xml file Plans (Next Week)
- a.. TOPLink for WebLogic support!
- b.. Plugging XML parser work with Dan's code generation work for Denali

Stephanie

-----

Feb 7 - 11 /00

-support

Steven V.

-----

Last Week (Feb. 7-11)

-----

- . Demo the sales tracking system.
- . Look at generating report for sales trackingsystem.

ThisWeek (Feb. 14-18)

-----

- . TL support.
- . Look at generating report for sales tracking system.

Wendy

-----

Support Tracker Development

- Common Answer Database (hierarchy)
- Prepared new support tracker project file
- Setup the tables on the new Support Tracker database
- tested new database and Tracker for reading/writing objects

This week:

- updating Tracker GUI for Common Answer Database
- updating Tracker actioned performed methods to work with the new database and project file.

Raleigh  
=====

Brian  
-----

last week  
support - wrap up MyDiary.com problem  
Preston port to Wallace 2.5.0.2  
    query mechanism  
    database call  
hiring interviews

next week  
Preston port to Wallace 3.0 build  
    database calls, cont.  
Gromit DTDs  
XML parser research

Charlene  
-----

Last week:  
- recruiting  
- designed and began implementation of supporting database specific types from the builder  
- worked on builder 3.0 scheduling

This week:  
- finish up implementation of database specific type support  
- importing tables from the database (with foreign key information)  
- associating tables with descriptors  
- recruiting  
- prep for band gig Friday night (all welcome)

Chris  
-----

This week:

Finished making the Builder persistent, except for 1-M transparent indirection.  
Interviewed Doug Shakelford. Exported classes for first build, found out that VAJava has bug(s) in its exporting. Had to re-export some of the classes as java files and compile from a command-line. Found bug in class loading from outside VAJava.

Next week:

Update class loader  
1-M transparent indirection  
Start on descriptor properties pages

Huyen  
-----

Pascal  
-----

## Status report for February 7 to 11, 2000

### Last week:

- Worked on table properties panel (Columns and Reference pages).
- Did the test for the Columns page.
- Installed WebLogic, was able to run WebLogic and do the Connect test of TOPLinkWL.
- Implemented the Throwable Dialog.
- Began to implement the Reference model.
- Change the UI of the Reference page to be compliant with the reference model.
- Setup my laptop.

### This week:

- Finish the change of the Reference page.
- Write the test for it.
- Enjoying the good weather.

Paul

-----

Feb. 7 - 11

Researched JDBC/Database access  
Implemented logging in to database  
Worked on data type translations (with Charlene)  
Worked on redoing menus in main view

Feb. 14 - 18

Finish data type translations  
Import tables into builder  
Create tables on database

Roger

-----

2/7 - 2/11

Worked on reading INI formatted builder files from previous releases into the new builder objects. Extending the current Wallace Project Reader to do this.

2/14 - 2/18

Continue on reading project files. Extend the current builder model to add descriptors.  
Sales =====

Katherine

-----

### New customers

Ciena Corp TLWL  
Fact City TLJ  
IXL TLJ  
PowerBrief TLJ  
Dresdner Bank TLWL  
YOUcentris TLJ  
Nationwide TLJ  
Bitheads TLJ

### New evaluators

TLJ - 40  
TLWL - 37  
TLST - 2

Stephen  
-----

Yash  
-----

a.. Numerous e-mail/phone exchanges with Charles Porter of singingfish.com regarding his questions on TLWL, using TL with other EJB Servers and our plans to integrate with WebLogic 5.0

b.. Talked to Julian Harris of eDreams covering a technical comparison of TLJ vs. JavaBlend

c.. Responded to 1:M mapping questions from Rich Scott of Associate First Capital Corporation

d.. Responded to Savio De Souza's (sx.com) questions on inheritance policy.

e.. Talked to Robert David of BofA Securities regarding using TOPLink in conjunction with Javlin. Have also been in touch with Yeu Wen Mak (NetLife) and Excelon in trying to understand how TOPLink can be used in conjunction with Javlin in an EJB environment using CMP.

f.. Pitched TLWL to 3 current evaluators in Atlanta on 2/10 - BellSouth, Powertel and VerticalOne

g.. Followed up with Vinod of Destiny to discuss our support of Oracle8I as per his post-evaluation comments

h.. Talked to Phil Piety of Naval Research (working with Correlation Technologies) covering architectural differences between TOPLink and Cocobase. Correlation have now chosen to become TOP partners.

i.. Discussed TLWL with Fariba Tacoukjou of Cigna (NJ). Fariba was attending a Java class at the Raleigh office and is part of a large group at Cigna who are not happy with their experience of developing entity beans natively under WebSphere.



## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, March 01, 2000 8:29 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for Feb 14 - 18, 2000

TOPLink team status report for Feb 14 - 18, 2000

Ottawa  
=====

Alan  
-----

Preparing a response for the EJB 2.0 spec  
Patent stuff  
Packing up office  
Preparing for BEA User Conference  
Out with a cold one day

Blaise  
-----

February 14 - 18:  
- Finished up some TOPLink for WL support issues from the previous week.  
- Recreated some TOPLink for WL customer problems  
- Created a TestSuite for UnitOfWork Events. It seems that the prepareUnitOfWorkEvent is not triggered when a remote session is used.

February 21 - 25:  
- Turn 25 (Feb 21)  
- TLWL Support

Christiana  
-----

Test Case Development  
Corba/Oracle8i modification

Dan  
-----

Dennis  
-----

Feb 14 - 18

- spoke with Tom Larson of Capital One  
- TOPLink managers meeting  
- TOP executive meeting  
- preparing for BEA conference  
- packed for the move

Denise  
-----

Feb. 14 - 18

- recreating problems for TLJ support
- Support Tracker development

Donald

-----  
 Last week: Food.com, Verve Inc, San Fran  
 This week: Knowledgenet.com, Phoenix

Doug

- 
- took Monday off
  - worked with Gordon on Novazen BMP issues. BEA found one bug in the JTS driver but there are still problems. We believe these will address the CMP issues as well but not positive.
  - setup contracts for Donald (KnowledgeNet), Huyen (Level 3), and myself (PE Bio) for this week
  - attempted to schedule every member of the TOPLink team to teach TOP 302 this week before having to cancel it
  - Wrote ContainerIndirectionPolicy for 2.5.0.5 in order to allow clients to wrap ValueHolders and thus eliminate TOPLink code from their classes/beans. this was built primarily for BEA's Theory Center Components.
  - cleaned out my desk and played hockey
  - took friday off to visit my sister

Gary

-----  
 Status Report - Feb 14th to Feb 18th

- [1] Build v2.5.0.4 build, shipped. There was a JDBC driver problem that I had not been aware of which held up production somewhat. Problem resolved, new driver(s) downloaded from Oracle website.
- [2] TOPLink for BEA WebLogic Server built, packaged, released. Thanks to Rick for building the nifty and ultra-slick looking new InstallShield (with logo)
- [3] Fiddled around some more with trying to get databases back on-line for TOPLink Smalltalk. Anick managed to get Informix going! No luck with, Sybase though. Still plugging away at it.
- [4] Minor revisions to TOPLink Testing Lab doc. Newest edition has been circulated.
- [5] Cleared up a few issues with Anick w/respect to The Move. I've drawn up a architecture diagram for the lab. No problems are anticipated; the transition should be fairly smooth. I am aiming to have the testing lab "in business" by the Monday.
- [6] Began (finally) writing performance doc! Under James' advisement, we're going to write one document per database server. I'm hoping to have the first doc (TOPLink and Oracle) done either today or tomorrow.

The Future

- 
- [1] Performance doc(s)!
  - [2] Meeting with Paul W. and PeterO re: Testing Lab machines. [3] Investigate removable hard disks in lieu of having dedicated app server machines.
  - [4] Iron out a few more details of the move.
  - [5] The move itself.
  - [6] Post-move party!

Gordon

-----

Last week was spent working on TOPLink for BEAWeblogic Support,

Hong

-----

TLJ support backup.

James

-----

Status Feb 22 2000 JES

Last week

- \* Got back from Malaysia
- \* Read 168 emails
- \* Did lots of second hand support and consultant support
- \* Made some patches for 2.5.0.3
- \* Talked to Alan about Websphere briefly

This week

- \* Investigate Websphere CMP
- \* Build small employee demo using VA CMP
- \* See how TOPLink can integrate with it, looks like we can just do the same as BMP in CMP

Joel

-----

1. Get TLWL 1.5 Beta2 out the door.
2. Work with Rick on new Install Shield.
3. Try to duplicate Novazen problem. Becomes BEA software problem. Now in the hands of BEA.
4. Prepare for work on Denali.

King

-----

- became a father

Martin

-----

Last Week 14-18Feb:

- Support (SPL, Markant)
- Worked on the server stuff
  - I am still trying to figure out what should be changed to fix it, looks like some adjustments to the querying mechanism will be necessary
  - Built bunch of new callbacks to be able to monitor what's going on
  - Spent a lot of time running the test cases and wondering 'what the hell is going on ...'

- Discussed R&D Reporting with Claire and Alan
- Helped setting up Informix client for the tests
- Did some packing for the move

This week 21-25Feb:

- Continue on the server stuff:
  - fix the granular merge for TUM & UOW
  - make sure we have good tests and that they pass
  - move on to the remote session tests, convert and fix
- Start the relase testing
- Move

Mike K.

-----

Feb 14 - 18

- support problem/recreation with Steve Murray
- started clustering Employee demo

Mike N.

-----

- a.. Feb 14-18: After teaching TOP 303 twice, some feedback, misc. tweaks to slides before handing it off to Wayne
- b.. Feb 14 - 18: Experimental integration of VAJ and Denali beta 1 - sortof works!

Peter K.

-----

Last week:

- Revamped the course hands on materials. I basically left the exercises the same, but put main methods on all the Exercise classes.
- I made some patches for 2.5.0.5.
- Also, I was picking up some of the overflow of support questions, but not too much last week.

Peter O

-----

Last Week

- On support
- Staffing meetings
- Newsgroup server and software purchased
- Interviewed Derek W.

This Week

- Support cleanup
- Get Newsgroups online
- Submit 100% pure certification package to KeyLabs
- Meet with JetNet to review VPN blueprint
- School Friday
- Away next week. Will not be reachable

Rick

----

- Created InstallShield for TOPLink for WebLogic 1.5B2
- Wrote up a doc outlining all the funky stuff I did in the InstallShield:  
\\Jupiter\TOPWL\Releases\1.5Beta2\InstallShield\TOPLink for WebLogic InstallShield Notes.doc
- Tracker 2 project planning
- A bit of Tracker 2 development with Wendy and Denise
- worked on a few support items

Rob

---

Shamima

-----

- \* Implemented (initial version of) DeploymentPropertiesLoader class
- \* Started to merge this XML parsing of the Deployment file with Dan's code generation information requirements for Denali
- \* Attended Denali development meeting with the team
- \* Wednesday afternoon - 95.407 class
- \* TLWS Support on Thu and Fri (Thanks Gordon)

Stephanie  
-----

Status Report - Feb 14-18/00

- test case for stored procedures
- outstanding support issues
- potential bug involving timestamp and beta 2
- ran into VA problems, importing classes and deploying WebLogic Server within VA (unresolved, encountered previously by Mike Norman)

Steven V.  
-----

Last week (Feb. 14-18)  
-----

. On support with Peter O.

This week (Feb. 21-25)  
-----

. Cleared support issues

. Bug fixes:

- . stored procedure call with value without binding cause class cast exception

- . getFunctionWithArguments(String functionName, Vector arguments) generates

incorrect SQL. . New feature: stored functions calls with output parameters.

Wendy  
-----

Support Tracker Development

- Common Answer Database

This week:

- Reproducing Problems for Support

Raleigh  
=====

Brian  
-----

last week

Preston port to Wallace 3.0 build

- query mechanism

- database call

started bringing Les up to speed with Preston etc.

next week

Preston port to Wallace 3.0 build

- database calls, cont.

Gromit DTDs

XML parser research

Charlene  
-----

Last week:

- Worked on supporting database specific types from the builder.

Now, when you are creating or editing a table, you will see types that are supported by the platform you have chosen, not standard jdbc types or types from other databases we support. All of this information will be kept in a kind of builder properties database (area), that can be edited and updated as new versions of databases are released. Also, if we want to add specific platforms, this information can be edited without requiring another build. If a user wants to create tables in Sybase that were read in from Oracle, translation will happen by converting to the standard jdbc types and then to the target

platform. This feature will be included in this week's build.

- Recruiting continues. We have added Doug Shakelford to the Raleigh Builder team.
- Some support. Discovered that one problem associated with the java server not starting is a result of having spaces in the class path or the path to the directory in which you have installed TOPLink. An upcoming patch release of the builder will address this problem. (Tentatively scheduled for March 17)

This week:

- Completion of database specific type support
- Importing tables from the database
- Build on Friday
- Recruiting

Chris

-----

This week:

Worked on class loader stuff for most of the week  
Ran into some persistence problems, still unresolved  
Added menu items for adding/removing classes, descriptors, and databases

Next week:

Fix persistence problems  
Work on serialization of Builder settings  
Implement some of the Descriptor properties pages  
Remove case sensitivity for adding classes  
Handle errors for saving, deleting objects from database  
Call some potential co-ops

Huyen

-----

Pascal

-----

Status report February 14 to 18, 2000

Last week:

- Worked on the Table Properties page (Columns and Reference).
- Implemented and upgrade the model.

This week:

- Finalized the implementation of the UI and creation of tests
- Begin to work on new stuff.

Paul

-----

Last week:

Worked more on BldrMainView, improving UI  
Worked on importing tables, dialog  
Fixed up new computer, which turned out to be a huge pain in the...head

This week:

Finish up table importing and its dialog  
Builder support

Roger

-----

2/14 - 2/18

Worked on reading existing project files and creating new BldrObjects. Required expansion of the builder object model to include descriptor properties and inheritance, instantiation and copy policies

2/21 -2/25

Continue working on reading existing project files. Begin work on descriptor properties panels.

Sales  
=====

Katherine  
-----

New customers

Merkur TLJ (Germany)  
EFA Software TLJ  
Marketsoft support renewal  
Global Automation TLJ  
UBS TLJ (Germany)  
Jean Pascale AG TLWL (Germany)  
Thyssen Krupp TLWL (Germany)  
SFS TLJ (UK)  
GlaxoWellcome TLWL

New evaluators

TLJ - 48  
TLWL - 40  
TLST - 3

Stephen  
-----

Yash  
----

c.. Followed-up Vertical One regarding their questions on Clustering and using Performance Profiler with TLWL. Also let Doug know of their interest in TOPLink consulting.  
d.. Followed-up with Gaiye Zhou of BellSouth on their questions - referred the pricing questions to Katherine  
e.. Talked to Chris Cordrey of GaleForce systems - Chris is a consultant at Fanniemae who are evaluating TOPLink  
f.. Talked to Fariba Tacoukjou of Cigna covering TLJ/TLWL. Fariba was in Raleigh for a Java course and wanted to set up a TOPLink presentation. This has now been set for 2/28 at their Bloomfield, CT office.  
g.. Sent additional info to Charles Porter (singingfish.com) i/c Donald's paper on Clustering.  
h.. Worked on getting some info on using Javlin and TLWL in conjunction. Robert David (BofA Securities) & Yeuwen Mak (NetLife) had questions on this which have now been answered to some extent.  
i.. Had the usual calls asking for general info and architectural review of TLJ/TLWL. Some of these may result in a request for evaluation.

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, March 01, 2000 1:04 PM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for Feb. 21 - 25, 2000

TOPLink team status report for Feb 21 - 25, 2000

Ottawa  
=====

Alan  
-----

- At BEA User Conference in San Francisco
- Gave a talk, which was very well-attended. The room held 160 people and it was full to overflowing.
- Met with WebLogic developers Don Ferguson and Seth White, along with Dan and Mike. My first time meeting either of them, and I think it went very well.
- Met with our lawyers in person for the first time. I'd tell you what we talked about, but then I'd have to kill you.
- Moved offices.

Blaise  
-----

Status Report for Feb 21 - 25:  
- TL4BEAWL Support

Christiana  
-----

I was on support last week.

This Week:  
Still cleaning up the mess from last week

Dan  
---

- at BEA User's conference, see report

Dennis  
-----

- attended BEA User's conference, see Dan's report

Denise  
-----

Last week  
-TLJ Support  
-Support Tracker Development

This week  
-Recreating Problems for TLJ  
-Support Tracker Development



Donald

-----

Last week: Knowledgenet, Phoenix

This week: Knowledgenet, Phoenix

Doug

-----

- chase down business cards before leaving for New Mexico. Why do they spell Clarke wrong but get Milinkovich right?
- 2.5 days at PE Informatics in Santa Fe
- Several customer calls
- Attempted work around move on Friday before giving up

Gary

-----

Status Report - Feb 21st to Feb 25th

- [1] Preparing for move.
- [2] The move itself
- [3] v2.5.0.5 loadbuild

The Future

-----

- [1] Finish up TOPLink Lab. This can't happen until somebody gets an electrician in to wire the lab. [1.5] Post-move party? ? ? ? ? [2] 3.0 Loadbuild this week

Gordon

-----

Hong

-----

My status report for last week: test case development.

James

-----

Status Feb 29 2000 - JBS

Last Week:

- Websphere EJB CMP investigation,
- implemented basic employee class as WS VA CMP
- change the CMP generated code to use TOPLink
- second hand support

This Week:

- continue looking at Websphere
- more second hand support

Joel

-----

Denali, Denali, and more Denali

- Installed beta2
- Worked all week on Basic Bean test, and on Base TLWL to work with Denali

Handled 1 support call from Steve Murray at Xepa Solutions.

King

----

- enjoying fatherhood

Martin

-----

Last week 21-25Feb:

- some support (MPI)
- spent some time helping Boris with TOPLink tests

Server Stuff:

- Finally made some progress. Our query framework does not seem to be very consistent in its implementation. After staring at it for hours and making James sick of my endless stream of questions about the stuff he wants to forget so hard, I finally got things to merge properly in most cases. There are still issues with delete inside of a UOW (for some reason those are not transformed into queries at all). Another issue is that object changes are getting flushed too fast thus causing troubles with granular merge.
- packed

This week 28Feb-3Mar:

- unpack
- support

Server Stuff:

- resolve the merging issues mentioned above
- Implement merging with the Merger (the existing granular merge still has some conceptual issues in some really screwed up cases)
- make sure we have good tests and that they pass
- move on to the remote session tests, convert and fix

Mike K.

-----

Feb 21 - Feb 25

- validation of new XML descriptor (for Denali)
- investigate and reproduce caching problem
- Theory Centre support (Derrick Aubin)

Mike N.

-----

Accomplishments

- a.. Feb 21- 25: BEA Users Conference San Francisco
  - a.. I think the show went very well (other than some registration problems :-)
  - b.. Booth was crowded and Alan's talk overflowed into the hall

Issues

- 1.. Denali Beta 2 - get our TestingFramework models all working - ASAP!
- 2.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This Week's WorkItems

a.. Denali stuff

Next Week's WorkItems

a.. TLWL support

Beyond Next Week's WorkItems

- 1.. Yet more Denali stuff

Peter K.

-----

Last week I was helping a little on support  
I was also making some patches for customers.

Peter O

-----

Rick

----

Monday-Friday:

- On support with Christiana and Denise

Saturday-Sunday:

- Helping with the move

Rob

---

Week of 21-25

Spent 4 days consulting at Shoulders Corp.

Shamima

-----

- \* Dealt with Support issues from last week
- \* Modified loader class to support a few other cases
- \* Sorted, packed and labelled my stuff
- \* Enjoyed Carleton's Spring Break
- \* Investigated xml to object conversions and back again  
(Thanks Mike K)

Stephanie

-----

Feb 21-24/00

- support

Steven V.

-----

Wendy

-----

Last Week:

- recreating problems (support)

This Week:

- TLJ support (primary 3)

Raleigh

=====

Brian

-----

Charlene

-----

Chris

-----

This Week:

Interviewed Lazar Arahayagam

Worked on serializing the Builder (see issues below)

Fixed a few persistence bugs

Packaged Builder, found a few bugs. Because they are embarrassing TOPLink newbie bugs, we can't send it to Ottawa until they're fixed. Will send a build up to Ottawa on Monday

Issues & things I learned:

1) Serializing Swing classes is a pain. There are numerous bugs. Most of them have been fixed, but of course VaJava is way behind on the bug fixes.

2) If you want to serialize a class, its superclass doesn't need to be serializable, but the superclass must have a no-arg constructor. If it doesn't, you will need to make it Externalizable instead.

3) TOPLink - refreshObject only refreshes private-owned parts. (Probably a newbie issue, but nonetheless it took me a while to figure it out)

Next Week:

Two co-op interviews

One non-co-op interview

Code reviews

Give presentation to group on persistence

Send packaged Builder to Ottawa

Work on Descriptor Properties panels

Huyen

-----

- at Level 3, see consulting summary

Pascal

-----

Status report of the week February 21 to 25, 2000

Last week:

- Finished the implementation of the Table Properties Page.
- Began the implementation of the Descriptor Properties Page.

This week:

- Continue to work on the Descriptor Props Page

Paul

-----

Last week:

Worked on importing tables into main view  
Support

This week:

Finish importing tables into main view

Roger

-----

Sales

=====

Katherine

-----

Stephen

-----

Yash

-----

- a.. Talked to Charles Porter of singingfish.com on TOPLink vs. the competition
- b.. Replied to a query from Bill Bolhorst of Booz Allen & Hamilton about generating classes from Database Schema
- c.. More exchanges with Jeff Reynolds & Sri of Intelligent Digital on their questions with TLWL. Jeff also wanted to explore the possibility of a 1-day in-house consulting.
- d.. Talked again to Cid Dennis of iMall about using TOPLink for Session beans and BMP. They really want to start with WebLogic Server 5.0.
- e.. Talked to/ Replied to numerous queries from evaluators - Peter Friedland of Mckesson HBOC, Ravi Mulam of Alidian Networks, Johnie Wardlaw of ImEdge, Dov Yaron etc.
- f.. Contacted many recent-expired evaluators.
- g.. Setting-up and preparing for next Monday's meetings with Cigna & Hartford Life at Hartford, CT

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, March 08, 2000 7:26 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for Feb 28 - March 3, 2000

TOPLink team status report for Feb 28 - March 3, 2000

Ottawa  
=====

Alan  
-----

- reviewed and prepared TOPLink's EJB 2.0 response
- TOPLink Smalltalk technical meeting
- various other meetings

Blaise  
-----

Status Report for Feb 28 - Mar 3:

- Settling into the new office.
- Investigating deadlock avoidance strategies for TOPLink for Java
  - = Instance locking instead of cache locking.
  - = Possibly some sort of deadlock detection ie 'wait-for' graph.
  - = Some sort of deadlock correction mechanism.
- Investigating TOPLink for Oracle JServer CMP
  - = Conference call with Alan, James and some developers from Oracle.
  - = Waiting for Oracle to send Oracle 8.1.7 alpha release for Solaris as well as API.

Next Week:  
- TLOJ

Boris  
-----

Feb 28-29: Running tests on DB2. Digging into the native DB2 accessor in order to correct the problem of TOPLink unable to store BLOB data through native DB2 CLI. Mar 1: More experimentation with DB2 BLOB. Trying to restructure the accessor. Mar 2: Closing the DB2 BLOB bug. Meeting Alan to discuss the project status. Deciding what to do with broken test setup code, and with dependencies of the testing framework on TOPLink. Mar 3: Adjustments to the testing framework depending on Mar 02's decision.

Christiana  
-----

Feb 28 - Mar 03

- a.. Cleaning up support from previous week
- b.. Some follow-up support
- c.. Recreating client problems
- d.. Writing loadbuild summary for 2.5.0.5 (new HTML format)

Dan  
---

> Made changes to conversion manager to allow for

use of specified classLoaders when building a class.  
in 2.5.0.6

- > Changed XML format to work with beta 2.
- > Wrote up report for BEA user's conference.
- > Fixed problem with JTA and Synchronization in Denali (I hope)
- > Fixed problem with primary key use in Denali (I hope)
- > Lots of back and forth with WLS engineers on classLoader issues.

This week:

- > continue to test Denali runtime
- > implement mechanism to maintain references to original objects between UOW calls
- > implement mechanism to reuse contexts and EJBOjects within wrapperPolicy
- > help with migration of test framework to denali

Dennis

-----

Feb 27 - March 3

- call with Steve Rizzo of Chubb
- WebSphere 2000 review
- reviewed customer profiles
- TOPLink managers meeting
- met with Shaun Smith of ClearStream
- dealing with Abatis problem
- bought a house

Denise

-----

Feb.28 - March 3

- Support Tracker Development

Donald

-----

Last week: KnowledgeNet, Phoenix

This week: KnowledgeNet, Phoenix

Doug

-----

- PE Informatics wrap-up
- Goldman Sachs statement of work
- KnowledgeNet (RemoteSession debug&patch. conf. calls, & contract extension)
- Novazen conf. calls. The bugs are primarily BEA's JTS
- Gordon Food Services contract
- KMV Contract
- Calico request for services

THIS WEEK IN SERVICES

- Goldman Sachs (gs.com) M,T,W - Huyen
- KnowledgeNet M,T,W - Donald
- SingingFish.com T,W - Doug
- Citadel Th,F - Huyen

Gary

-----  
Weekly Report - Feb 28th to March 3rd

- [1] Spent most of the week fine-tuning after the move. The TOPLink Lab is good to go but is in serious need of interior remodelling. I will be requesting new furniture.
- [2] Recieved the new builder from Raleigh; it is on our network. Blaise and I successfully got it running under VA 3.0 (JDK12 version). Looks sharp!
- [3] Set "Big Daddy" Don up with some full source TOPLink goodness. Don, I can make this a regular thing if you want.
- [4] Did some more work on performance doc. Almost done. Re-ran a bunch of the performances tests in an attempt to obtain consistent results.

---

The Future

- [1] 3.0 Loadbuild this week.
- [2] Performance doc to be finished.
- [3] Waiting arrival of some new machines to go into TOPLink lab. This is pending Paul White's approval, as is my understanding. [4] We need to get up to speed with the latest Oracle versions. We'll be getting Oracle 8.1.6 (NT) in a few weeks, and Alan has made arrangements that will put a copy of Oracle 8.1.6 plus the new beta (for Solaris) in our hands. I'm hoping that will be here sometime this week.

Gordon

-----

Last week was spent On TOPLink for WebLogic Support and picking up a few extras from TOPLink for Java Support

Hong

-----

Recreated problems for TLJ Support.

James

-----

Status Mar 6 2000 JBS

Last Week:

- Monday: Websphere investigation, second hand support
- Tuesday: 2.5.0.5 patch tracking, second hand support
- Wednesday: 2.5.0.5 patch tracking, scheduling, second hand support
- Thursday: Websphere investigation, second hand support
- Friday: Websphere investigation, second hand support

This Week:

Continuing looking at Websphere, done investigation, starting development, will have a review Currently have simple demo using CMP working through TOPLink DatabaseSession, BMP functionality

Joel

-----

- TOPLink for WebLogic Support (prime for 2 days, backup for 3)



- migration of test framework to Denali.

Jon

----

King

----

- off looking after Amy

Martin

-----

Last week 28Feb-3Mar:

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- unpacked
  - no support! anybody wants to switch to TOPLink/S ;-) ?
- Update on the 5.1 progress:
- we are on the track to make the prerelease by the end of March.
  - batch reading will be postponed to the release.

Server Stuff:

- reimplemented the TransactionSession hooks into query&transaction mechanisms. Things started to work.
- discovered some more problems with the actual merge implementation (both brutal merge and granular merge)

This week 6-10Mar:

-----

- support if any.
- Server Stuff:
- Go over the TOPTransactionSessionMappingTests one by one and fix any problems in the merge implementations.
  - Implement merging with the Merger (the existing granular merge still has some conceptual issues in some really screwed up cases)
  - make sure we have good tests and that they pass
  - move on to the remote session tests, convert and fix

Mike K.

-----

Feb 28 - Mar 3

- odds and sods from support
- rewrote employee demo 3 different clustered ways
- looked at Oracle's planned CMP descriptor

Mike N.

-----

Accomplishments

- Got Denali beta2 'sortof' working in VAJ - still needs patches, misc. problems with transactions, but actual SQL code sent to DB!
- Conf calls w Doug: Alltel; Also spoke for ~ 1hr with Shawn from ClearStream who was here for TOP 302 course
- Conf call w Bill Morone @ Chauncy Group: us vs. JavaBlend - I think I convinced 'em!

Issues

- Denali Beta 2 - get our TestingFramework models all working - ASAP!

2.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This Week's WorkItems

a.. TLWL Support  
Next Week's WorkItems

a.. Denali - work on testcases  
Beyond Next Week's WorkItems  
1.. Yet more Denali stuff

Peter K.  
-----

Last week.  
~~

- I was on support.
- Also helped donald with issues he was having at knowledge net.
- Handled some conference calls and customer complaint issues.
- Managing some bug fixes. See my load build summary going into Gary later this week.

This Week  
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- support cleanup.
- patch managing.
- waiting for PeterO to get back.

Peter O  
-----

- on vacation in Jamaica

Rick  
-----

Status Report: February 28 - March 3

- Answering support overflow from previous week
- Taught an impromptu TOP 302 course to Shaun Smith from Clear Stream and Jon Driscoll (Wed-Fri)
- Set up TOPLink newsgroups
  - Removed Peter O's welcome messages (contained his .vcf w/ cell phone #, old address)
  - Added "top.toplink.smalltalk,general" newsgroup
  - Wrote new welcome messages for all newsgroups
  - Updated the support mail autoresponder
- Setup Abatis test machine for Ian Forrester's problem, which has become active again

Rob  
-----

I was at MarketSoft last week doing some consulting and some training.

Shamima  
-----

- \* Unpacked and organized my stuff
- \* Implemented a loader which creates a DOM from the XML input
- \* Created the DOM classes (BeanInformationDefinition, CMPBeanDefinition, ProjectDefinition, FinderDefinition)
- \* Tested to see if basic reading works in various scenarios
- \* Wrote my 95.407 test #1
- \* Carleton Co-op Site Visit
- \* Merged the new loader and associated classes into TOPLink.Private.EJB.WebLogic.Deployment

Stephanie

-----

- on vacation in Israel and Egypt

Steven V.

-----

Last week Feb.28 - Mar.3

-----

On support with Peter K

Wendy

-----

Last Week (Feb 28 - March 3)

- TOPLink for Java Support

This Week (March 6 - March 10)

- Support Tracker Development

Raleigh

=====

Brian

-----

- on vacation in Florida

Charlene

-----

Last week:

- recruiting

- worked on morphing tables from one database platform to another

- support

This week:

- still working on morphing tables

- support

- bug fixes for upcoming 2.5 patch release

Chris

-----

Last week:

Packaged on Monday, sent to Ottawa

Interviewed two co-ops - will probably make an offer to one of them this week

Interviewed Billy Flanagan

Updated model classes

Worked on persistence stuff

This week:

Work w/ Pascal on model, testing

Start on 2.5 patch w/ Charlene

Package on Friday, send to Ottawa

Doug S.

-----

Huyen

-----

Les

----

Pascal

-----

Status report pour la semaine du 28 février au 3 mars 2000 Status report for the week  
February 28 to March 3, 2000

La semaine dernière:

Last week:

- Fixed and updated the Table Properties page
- Continued and finished on the implementation of the Descriptor Properties panel

Cette semaine:

This week:

- Hook up the UI with the model of the descriptor.

Bonne semaine à tous,

Have a great week to all,

Paul

-----

Last week:

Finished dialog for importing tables from database.

Testing for changes made to BldrTable and BldrDatabase.

This week:

Add dialog to main view.

Create tables on database.

Roger

-----

Sales

=====

Katherine

-----

New customers:

Globeset TLJ

TransIlluminant Corp TLJ

LeapIT.com TLJ

Goldman Sachs TLJ

Enron TLJ

New York Life TLJ to TLWL upgrade

Smartturn TLWL

Public Service Commision TLWL

CCD Online TLJ

Motorola TLJ

Teleport TLWL

Sprint TLJ

PointServe TLJ  
eflatbed.com TLJ

New evaluators  
TLJ 52  
TLWL 56  
STST 2

Stephen  
-----

Yash  
-----

- a.. Visited Cigna & Hartford Life at Hartford, CT on 2/28
- b.. Visited PowerVision & Mentor Labs at their Maryland location on 3/2.
- c.. Set-Up and preparation for next week's visit to numerous prospects in NY.
- d.. Talked to Alexander Petrushko of rocketnetworks.com about using TLJ with an external connection pool & JTS .
- e.. Talked to Patrick Longenecker of lutris.com who wanted to understand TOPLink's strengths vs. the competition.
- f.. Replied to Richard Scott of AFCC.com. He had questions about using TOPLink 3-tier framework with CORBA.
- g.. Talked to James Gates and Arthur Copeland of PurchasePro. They had questions on caching and using TLWL in a clustered environment.
- h.. Numerous first-time calls asking for an overview of TLJ/TLWL, many resulting in a request for evaluation. These include 2 calls from Computer Sciences Corporation, Dan Corrigan of eflatbed.com, Andy Glick of SmithKline Beecham.

## Ed Grundler

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**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Friday, March 17, 2000 6:48 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for March 6 - 10, 2000

TOPLink team status report for March 6 - 10, 2000

A few things to notice:

- the number of evals for the week
- we are in the midst of another Martin/Gary fat incident
- newsgroups are up, thanks to everyone involved in getting it set up and to Donald for monitoring and answering these quickly. Everyone should read these as they contain some very good insight.

Ottawa  
=====

Alan  
-----

- Lots of ejb spec 2.0 stuff, discussing with partners and with the sun group responsible for EJB. Mixed results.
- patent stuff
- weblogic clustering issues
- spoke to the Toronto Smalltalk User Group on Friday evening, got about 25 people, 2 of whom were already using TOPLink. Came back with only 3 support questions.

Blaise  
-----

Status Report Mar 6 - 10:

- TLOJ
  - Reading through Oracle 8.1.6 documentation
  - Oracle 8.1.6 is installed on Saturn (Special thanks to Gary and Mike N)
  - Ran "LightRunAllTestModel" against Oracle 8.1.6 (563/615 tests passed, trying to determine if that is normal for Oracle)
  - Attended the TOPLink for WebSphere design review (James is working on a number of components that can be reused in TLOJ)
  - Got James to start calling TOPLink for Oracle JServer - TLOJ
  - Handled a support issue in regards to the Oracle 8i demo we shipped with TLJ2.5, the documentation could be better it will mostly likely change to reflect the new CMP integration with Oracle JServer.

Next Week:

- TLOJ
  - Load TOPLink into the Oracle 8.1.6 VM and get the TOPLink Oracle 8i demo running
  - Run the "LightRunAllTestModel" in the Oracle 8.1.6 VM.
  - Attend Oracle presentation on Java and Oracle
  - Get Oracle 8.1.7 installed
  - Run "LightRunAllTestModel" against Oracle 8.1.7
  - Load TOPLink into the Oracle 8.1.7 VM and get the TOPLink Oracle 8i demo running
  - Run the "LightRunAllTestModel" in the Oracle 8.1.7 VM.

Boris  
-----

Mar 6 - 10: Modifying the test cases to support "makes sense", and the models to support "can be built"

Christiana  
-----

Mar 06 - 10

On Support

Dan  
---

Monday March 06

- Attended weekly manager meeting.
- Attended conf. call with Mike K, Alan K, and Dean Jacobs (BEA) concerning clustering questions.
- Completed initial port of TestFramework bean over to Denali.
- Wrote basic description of BMP architecture that uses UOW for Huyen.

Tuesday March 07

- Uncovered problem with Denali beta2 - passing in nulls for remote interface. Logged problem with Seth at BEA,
- Answered questions about our current clustering state.
- Got simple "basic bean" demo client working.

Wednesday March 08

- Attended TOPLink for WebSphere feature review.
- Got "basic bean" stress test client up and working.
- Wrote up summary of current denali status and sent it out to the team.

Thursday March 09

- Held status meeting on TLWL 1.5 and Denali.
- Wrote initial version of findByPrimaryKey customizations overrides.
- Wrote initial version of dynamic query support.
- Dealt with more back and forth with BEA concerning 2 open issues.
- Wrote more "what we can say about clustering" notes.

Friday March 10

- Talked with Huyen about JTS, sent summary of issues to Doug.
- Still more back and forth with BEA concerning 2 open issues. I had to write two long summaries of what we were seeing and what we were doing and sent them to BEA.
- Spoke to Derrick Aubin at Theory Center about clustering. He wants some TOPLink people to come to Boston to discuss clustering in April.
- Ported over EmployeeBean test client to Denali.
- Started port of BasicBeanFinder test client to Denali
- Obtained copy of old TLWL whitepaper from Jane and began to go over it for re-write.

Next Week: Support

Dennis  
-----

March 6 - March 10

- TOPLink managers meeting
- meeting to discuss WebSphere
- TOPLink executive meeting
- Tech Tuesday call with BEA
- EJB 2.0 spec call with Sun

Denise

-----  
March 6-10

-recreated problems for TLJ support

Donald  
-----

Last week: Knowledgenet, travel day, unpacking, bit-o-support. This week: Some place in San Fran, travel day, bit-o-support.

Doug  
-----

- Usual TOPLink services stuff
- 3 days with Charles Porter of singingfish.com. We did some interesting system generation using XSD (XML) as the source. Report to follow.
- Conference call with GoldmanSachs to discuss integration with their C++ TX controller (non JTS/JTA compliant).

Gary  
-----

Status Report - March 6th to March 10th

[1] Looked into office security issues with Anick and Wayne. There may be a threat. We will devise an official security policy which may or may not involve issues such as locking down the TOPLink lab after hours.

[1b] Cleaning up TOPLink Lab (aka The Fishbowl) continues. We should be getting switches, hubs, more machines etc. for the lab soon. This will help make the lab much tidier.

[2] Finished up first draft of the Oracle / TOPLink performance doc. I've shown it to James, and he has pointed out revisions that need to be made.

[3] Solaris work! We recieved Oracle (for Solaris) 8.1.6 and a beta of Oracle (for Solaris) 8.1.7, and I spent a few days getting it up and going. Essentially, I underwent a three day refresher crash course in Solaris use. "I love the smell of VI in the morning. Smells like...Unix." Oracle 8.1.6 is good to go, and 8.1.7 will be installed once some testing is done. Many thanks to Mike Norman for helping out quite a bit.

[4] Started an unofficial TOPLink Software Library. We currently have one (1) item in it, the JDK12 "Early Adopter" version of Visual Age 3.0. I will be devising a formal process for such a library. This will greatly help in the future.

[5] Fixed Sybase to allow stored procedure calls. Thanks to Doug for helping me figure this out.

[6] Began reading up on TOP 302 in preparation for assisting Peter K.

[7] 3.0 Alpha 2 Loadbuild. Not quite done yet...

[8] Cleaned up a few previously unforeseen issues with my Landed Immigration application. It looks like I'll be able to submit my application this week.

[9] Was called "fat" by Martin K ... AGAIN.

Gordon  
-----



Last week was spend developing a prototype for cache synchronisation across multiple server instances.

This week will be more TOPLink for WebLogic Support.,

Hong  
----

on TLJ support.

James  
-----

Status: Mar 13 2000 JBS

Last Week:

- a.. Monday: WebSphere strategy meeting, mgr meeting, second hand support, WebSphere development
- b.. Tuesday: second hand support, WebSphere development
- c.. Wednesday: second hand support, WebSphere development, merge 2.5.0.5 into 3.0
- d.. Thursday: merge 2.5.0.5 into 3.0, second hand support
- e.. Friday: loadbuild, merge Brian's numerous changes, load build again, second hand support

This Week:

- a.. Finish 3.0 loadbuild
- b.. Install VA 3.0/1.2
- c.. Look into testing TLWS
- d.. Help Rob with JTS

Joel  
----

-Migration of TLWL test cases to Denali

Jon  
----

Accomplished this week

- a.. Worked on TOP 706 Team programming using VisualAge for Java
- b.. Worked on TOP 718 VisualAge for Java Fundamentals
- c.. Worked on TOPLink for Java Employee demo
- d.. Worked on a Small demo project of a Bank to get familiar with TOPLink for Java

King  
----

- 3.0 development, Aggregate collection mapping (insert/update/delete, testcase, etc.).
- AggregateCollectionMapping prototype documentation
- help 3.0 loadbuilder with Gary and James
- rush home to see Amy after work

Martin  
-----

Last week 6-10Mar:

Support: quite busy (steinmayr, splwg, markant, ...).  
Server Stuff: Not much progress, got distracted a lot mostly by support.

This Week 13-17Mar:

- 5.1Pre: We are targeting to have all the testing done by the end of next week:
- Me: SQLServer VA/VW, Access Interface/Batch Modes, Oracle VW
  - Boris: DB2 VA/VW, Extend the test framework to support running test models only on some platforms.
  - Whoever gets a chance: Informix VA/VW
  - Sybase is left as the last thing since there are troubles installing the client Server (same as last week):
  - Go over the TOPTransactionSessionMappingTests one by one and fix any problems in the merge implementations.
  - Implement merging with the Merger (the existing granular merge still has some conceptual issues in some really screwed up cases)
  - make sure we have good tests and that they pass
  - move on to the remote session tests, convert and fix

Mike K.

-----

Mar 6 - Mar 10

- stinky revelations from Dean Jacobs re: clustering "optimizations"
- assorted support and hedging with client concerns about clustering
- finished rewrites of clustering demos
- edited collection of clustering spells and curses - 3rd edition

Mike N.

-----

#### Accomplishments

- a.. TLWL support - medium-heavy; back to a number of clients having configuration/classpath problems
- b.. Conf calls w Doug, Don: GoldmanSachs? - want TL integration into some weirdo-C++ XATransactionManager; by the end of the call, they had convinced themselves they didn't need it.
- c.. helped Blaise/Gary get some stuff working on Solaris machine (Blaise traded-off support for an afternoon while Gary and I become Unix sysadmin's again.

#### Issues

- 1.. Denali Beta 2 - get our TestingFramework models all working - ASAP!
- 2.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This Week's WorkItems

- a.. get TL4WL 1.5 GA out (finally!)
- b.. Denali - work on testcases

#### Next Week's WorkItems

- a.. Denali - more work on testcases

Peter K.

-----

#### Last Week

~~~

- Patches
- Deployed 1 bean for BMP. This took forever.
- Did a little bit of support.

Peter O

-----

#### Last Week

- JetNet meeting to review blueprint
- Newsgroups up and active, email sent to all customers
- Customer support issues
- Vacation on Monday

- School on Friday

This Week

- Finalize VPN contract
- Release latest Newsletter
- Investigate web based version of news groups

Rick

----

Status Report - March 6-10 2000

- Worked on support problem from Ian Forrester (Abatis)
- A few other miscellaneous support items
- Some newsgroup administration
- Helped Wendy with some Tracker 2 work
- Background work / research for ObjectArrayMapping for 3.0

Rob

---

Week of March 6-10,

TOPLink for Java support with Christiana

Shamima

-----

- \* Implemented simple set methods for the deployment properties (merely stores the information)
- \* Started Investigating writing out XML
- \* 95.407 class on Wednesday afternoon
- \* Lots of TOPLink for WebLogic SUPPORT!

Stephanie

-----

- on vacation

Steven V.

-----

Last week (March. 6 -10)

-----

- . Clean up support issues.
- . Attend the meeting "TOPLink for WebSphere" integration.
- . Read EJB, WebSphere documents to prepare for new development of "TOPLink for WebSphere".

Wendy

-----

Last Week:

-Support Tracker development

This Week:

-recreating support problems

Raleigh

=====

Brian

-----

last week

returned from Disney World

caught up on e-mail

finished porting Preston to Wallace 3.0

pissed off James by releasing Preston (and other things...) to Wallace 3.0 build started integrating XML I/O with Preston

next week

Builder support

XML integration

start building descriptors

Gromit DTDs

XML parser research

meet with Glaxo-Wellcome

Charlene

-----

Last week:

- database field type conversions released
- support

This week:

- modify builder main view to allow copying of tables from one database platform to another
- finish Smalltalk patch release

Chris

-----

This week:

Worked on descriptor model, persistence, UOW issues with Pascal.

Worked on Smalltalk patch.

Sent build to Ottawa on Friday, buggy because we're all doing major stuff right now.

Next week:

Finish Smalltalk patch

Start on Mapping model

Document persistence stuff

Doug

-----

last week:

- learned how to create test cases with ZUnit
- worked with Paul on the screen that associates tables with descriptors.
- we refactored some of the code to create a reusable component that has two lists and lets you move items back and forth between them.
- almost finished the panel that lets you select the tables to associate. it allows you to filter the tables based on database and name of the table.
- created a small filtering framework that allows you to quickly add a special TextField to your panel that provides the filtering behavior.

Huyen  
-----

Les  
-----

Tasks:

- Learn XML syntax
- Get familiar with XML parsers
- Create DatabaseRow from XML text file
- Write out XML text file from DatabaseRow

Pascal  
-----

Status report for the week March 6-10, 2000

Last week:

- Worked with Chris on the model, implemented or modified: BldrClass, BldrMethod, BldrInterface, BldrParameter.
- Worked on the Descriptor Properties page and hooked it up with the model.

This week:

- Continue to work on the Descriptor Properties page.

Paul  
-----

Last week:

- Associating tables with a descriptor
- Displaying associated tables in main view
- Creating generic selection ui tool
- Creating general model for associating labels with persistent objects

This week:

- Finish implementation of labels
- Finish displaying properties for associated tables
- Start ui for creation of mappings

Roger  
-----

Sales  
=====

Katherine  
-----

New customers:

Cable & Wireless UK TLWL  
TRC TLJ  
Excite@Home TLWL  
Celera TLWL and TLJ to TLWL upgrades  
Princeton University TLJ  
Callidus Software more TLJ and TLJ 2.x upgrades  
Public Service Commission more TLWL licenses  
Aventis Pharma more TLJ  
Global Automation TLJ to TLWL upgrade  
Reverseauction.com TLJ

Mydiary.com TLJ  
RGA TLJ support renewal  
Mortice Kerns Systems TLJ  
Gov't of Singapore Investment Corp TLJ

New evaluators  
TLJ 70  
TLWL 46

Stephen  
-----

Yash  
-----

- a.. In NY on 6th and 7th - Visited iWork, Wit Capital, Context Integration, Organic, Scient and Bank Of NY.
- b.. Follow-Up to the trip to furnish additional info/white papers etc. Scient had also been having a problem in trying to run the TLWL employee demo.
- c.. Talked to Raza Ali of Tribune covering TLWL architecture and general process of deploying entity beans (CMP) with TLWL.
- d.. Talked to David Armour of WEA insurance about CMP with TLWL.
- e.. Talked to and exchanged a couple of notes with Ian Miller of Bank Of America on his questions about implementing inheritance, 1:m relationships and transaction attributes of beans deployed with CMP. They are looking for some on-site consulting.
- f.. Conference call with Moncef, Jeyakrishnan & Don of Esurance.com to cover numerous architecture level questions on TLJ/TLWL.
- g.. Setting-up and preparation for the Boston Trip (3/14-3/15).

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, March 22, 2000 5:44 PM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report March 13 - 17, 2000

TOPLink team status report for March 13 - 17, 2000

Ottawa  
=====

Alan  
-----

- At Camp Smalltalk. For details see <http://www.smalltalkchronicles.com/>  
and <http://wiki.cs.uiuc.edu/CampSmalltalk/The+CampSmalltalk+2000+story>

Blaise  
-----

Status Report: Mar 13 - 17

- Porting Oracle 8.1.6 scripts to NT batch files
- Setting up my laptop with the necessary Oracle client software (sent a request to sysadmin to get Oracle JDeveloper)
- Oracle Session on Servlets, JSP and EJBs
- Set up a VA3j2 repository with Gary, so I can use VA for TLOJ development
- Loading TOPLink v2.5.0.6 into Oracle 8.1.6 (I will need to talk with Gary about creating some TLJ3.0 jars (java 2) so I can load them into the Oracle VM.

Next Week:  
- TLWL Support

Boris  
-----

Mar 13: Adding new reporting capabilities to the testing framework  
Mar 14: DB2 testing  
Mar 15: Investigating the ComplexString bug report. Investigating the TOPEXpression>>= bug. Modifying the testing tool view.  
Mar 16, 17: Finish DB2 testing

Plan for the coming week:  
Mar 20 - 24: Investigating the problem with the Sybase client. Testing on Sybase

Christiana  
-----

Week of March 13th  
a.. follow up on some support issues  
b.. loadbuild testing and debugging  
c.. test case development

Dan  
-----

Monday March 13th

- ported Beans and objects tests to denali

- manager meeting
- started work on release notes for Denali

Tuesday March 14th

- support

Wednesday March 15th

- off sick

Thursday March 16th

- support
- meeting with team to discuss issues with Denali

Friday March 17th

- cleaned up a number of remainin support items
- sent list of EJB builder requirements to Charlene
- wrote up initial overview of what is new in WLS Denali release
- continued to work on release notes

Dennis

-----

March 13 - 17

- TOPLink managers meeting
- met with Joe Menard
- prepared IBM marketing application
- met with IBM marketing group
- met with Glaxo in Raleigh

Denise

-----

March 13 - 17

- TLJ Support

Donald

-----

Week of March 13: KMV 2 days, travel day

Week of March 20: Knowledgenet, Phoenix

Doug

-----

- 2 days at Calico in San Jose
- travel
- services admin stuff

Gary

-----

Status Report - March 13th to 17th

Busy week.

[1] Completed 3.0 build. Had some help from Blaise on this one. Migrated TOPLink from the existing repository to the VA 3.0 / JDK1.2 repository. Tests were run, stuff was versioned, a good time was had by all.

[2] Built JARs for the WebLogic GA release. I wasn't really in touch with this GA



production run apart from the JAR building.

[3] 2.5.0.6 built. Ready to be placed on FTP site.

[4] Prepped for TOP 302. Fun stuff.

[5] Once again, was taken to a dark, seedy world...where dreams are shattered, people are abused, and Martin calls me fat. This is the THIRD time! And I worked out so hard last week, too :(

The Future

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San Jose: Mon - Fri.

Gordon

-----

Last week I spent on TOPLink for WebLogic support and did more development on the CacheSynchronisation feature.

This week I'm cleaning up continuing support item and should have a CacheSynchronisation system up and running by the end of the week.

Hong

-----

James

-----

Joel

-----

Migration of test cases to Denali.

- JDK 1.2 Collection Finders.
- Remote Cursors
- Simple Inheritance.
- others.

Jon

-----

Status report for the week ending March 17, 2000 for Jon Driscoll

Accomplished this week

- Finished Bank demo project
- Installed VA Java 3.0
- Learn Visual Age Java - TOP 702
- Set up PRS and Tracker access
- Set up testing project
- Started working on creating test cases for assigned PRs

Issues

- None

Planned for next week

- Finish test case creation
- Continue to create more test cases

King

-----

- Week of support with Rick and Wendy

Martin

-----

Last Week 13-17Mar:

-----

Support: Good start, Hellish end of the week (Kronos, Markant, Grznord, Steinmayr, BoC, CSC Ploentzke)

Testing: Done SQLServer Tests on VA/ODBC (IBMODBC does not work, see notes in the results)  
see results at: <http://toplinux/TOPLink.45#SQLServer>

This Week 20-24Mar:

-----

- Catch up on support from previous week (Markant, Kronos)

5.1Pre: We are targeting to have all the testing done by the end of this week, what's left is :

- Me: SQLServer VW, Access Interface/Batch Modes, Oracle VW

- Boris: DB2 VW

- Whoever gets a chance: Informix VA/VW

- Sybase is left as the last thing since there are troubles installing the client Server (no progress last week):

- Go over the TOPTransactionSessionMappingTests one by one and fix any problems in the merge implementations.

- Implement merging with the Merger (the existing granular merge still has some conceptual issues in some really screwed up cases)

- make sure we have good tests and that they pass

- move on to the remote session tests, convert and fix

Mike K.

-----

Mar 13 - Mar 17

- TLWL 1.5 release

- initiation to denali including hazing ritual

(change every configured path on system, pull hair out and bawl)

Mike N.

-----

Peter K.

-----

Peter O

-----

Last Week

- Weekly Mgr Meeting

- VPN Blueprint review with JetNet

- Spoke with Kathy Barns at eXellon re reciprocal TOPLink/Javlin training

- Interviewed Fatima Kahn for coop position

- Conference call with Dwayne Smith at Sprint

- Call with Bala at Snapfish

- Talked with Bill Turner at ObjectSpace re reciprocal TOPLink/Voyager training

This Week

- TOPLink Newsletter
- Web-based newsgroups
- Close VPN deal

Rick

-----

STATUS REPORT: MARCH 13-17

- On Support with King and Denise
- Built TOPLink for WebLogic 1.5 GA InstallShield

Rob

----

Cleaned up support from last week.

Spoke with John Byrnes from Snapfish a lot.

Wrote and successfully ran a test running in a SessionBean for the WebSphere/TOPLink JTS stuff.

Reviewed the TOP302 (TL Fundamentals) hands-on.

Coordinated course setup with client (GIC).

Shamima

-----

\* Installed and configured Denali beta 2

\* Worked on the BasicBeanFinders Tests for Denali - fixed FinderGenerator so named query works

\* Wrote my Canadian Citizenship Test...

\* Attended morning prayers for our Eid-ul-Adha festival on Thursday

\* Conducted some 'experiments' for the Denali DTD issue

Stephanie

-----

March 13-17/00

-vacation

Steven V.

-----

Wendy

-----

LAST WEEK:

-recreating problems for TOPLink for Java Support

THIS WEEK:

-TOPLink for Java Support

Raleigh

=====

Brian

-----

last week

Gromit support

integrated Preston with Les's XML work  
now we can read and write simple objects (yeah!)  
migrated to VisualAge 3.0 (jdk1.2)  
meeting with Glaxo-Wellcome  
dentist: repair filling

next week  
XML integration  
start building descriptors  
Gromit DTDs  
XML parser research

Charlene  
-----

Chris  
-----

This week:

Built mapping model w/ Roger, made it persistent  
Build on Friday

Next week:

Training at Bank of America Mon-Wed  
Start on new task Thu & Fri

Doug  
-----

For the week March 13th-17th

--Finished the associated tables selection panel  
--Finished implementing and documenting the filtering framework that I created in support  
of the selection panel --Started working with Paul on the multiple table information panel  
for descriptors

Huyen  
-----

Les  
-----

Pascal  
-----

Status report for the week March 13 to 17, 2000

Last week:

- Worked on the Descriptor Properties page.
- Began the drawing of the new SplashScreen.

This week:

- Continue to work on the Descriptor Properties page.
- Create text field with regular expression (ex: numeric, package, etc).

Paul  
-----

Roger  
-----

Sales  
=====

Katherine  
-----

Stephen  
-----

-set up calls for Yash in Boston area

-Yash visited EMC, Wellington Management, TradeAccess, eXcelon and Genomics -completed scheduled calls for current evaluators -followed up on outstanding quotes. -followed up on outstanding RFP with Ameritech -checked in with existing customers -Sales meeting with Mike Milinkovich, Katherine, Sharon on Friday -Sales meeting with Katherine, Peter O, Sharon on Thursday afternoon

Yash  
-----

a.. Followed-Up with Ram Janovski of Scient regarding their problem with running the employee tutorial with TLWL. He has it running now, looks like he had some problem in his environment - the demo ran fine once he recompiled all his classes.

b.. Boston Trip - Visited EMC, Wellington Management, Trade Access, eXcelon and Genomics on 3/14 and 3/15.

c.. Followed up with some of the Boston clients who wanted additional info, white papers etc.

d.. Talked to Jason Ly of ACS providing an overview of TLJ and TLWL. Jason has been evaluating TLJ and wasn't sure if he should be looking at TLWL too.

e.. Talked to Ron Stickle who has been working with Javlin for an EJB solution to their billing system. Ron was experiencing some performance problems with the system with a large number of concurrent users and wanted an overview of TLWL to see if his problems might be alleviated with TOPLink.

f.. Replied to numerous questions from Jin won Shin of colorstamp.inc. The questions related tp Performance, clustering and our plans for integration with WebLogic 5.1

g.. Talked to Alex Paransky of citysearch.com about TLJ architecture and comparison with cocobase.

h.. Replied to Dotan Adler who had questions on clustering - sent him Donald's paper.

i.. Replied to Vasudev Krishnamorthy of rightworks.com. His questions related to builder tool, caching and clustering.

j.. Usual calls to evaluators.

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, March 29, 2000 8:35 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for March 20 - 24, 2000

TOPLink team status report for March 20 - 24, 2000

Ottawa  
=====

Alan  
-----

- preparing for TOPLink for WebLogic course
- sick

Blaise  
-----

Status report March 20 - 24  
- TLWL Support

Boris  
-----

Christiana  
-----

Mar 20 - 24  
a.. Developing Test Cases  
b.. Fixing TL bug hit by test case (with James' help)  
c.. Recreating client issues and following up on support items Mar 27 - 31  
a.. On support

Dan  
---

Monday March 20

- Meeting with Charlene, Joel, Mike N, and Steph concerning TOPLink 3.0 Grommit EJB requirements
- Finished off remaining support question from last week, learned a little about Expression framework
- Wrote up hard requirements for Grommit EJB, sent to char.
- Reviewed the Netscape CMP API and provided comments.

Tuesday March 21

- Made list of changes from EJB 1.0 to 1.1 that affect tests and demos
- Gave some feedback on XML and EJB issues
- Worked on documentation for alpha 1 of Denali

Wednesday March 22

- spent half of day on nasty configuration issues with tests

- did quick code review of denali code and cleaned up some comments etc.

Thursday March 23

- made list of required manual deployment tests
- had meeting to go over required tests (with Mike, Mike, and Joel)
- came up with a release schedule for Denali with Dennis
- more documentation

Friday March 24

- sent out docs to team, made fixes based on feedback
- notified TC concerning availability of alpha 1 build
- made some fixes that did not make it into alpha 1 build

Denise

-----

March 20-24

- Support Tracker Development

Dennis

-----

March 20 - 24

- met with Sybase application server team in San Fran. They are looking at TOPLink as a possible CMP solution
- met with VISA International
- met with Ariba, one of the hottest companies in the business-to-business sector
- met with our lawyers
- school on Friday

Donald

-----

Last week: KnowledgeNet, Phoenix

Last weekend: Grand Canyon

This week: KnowledgeNet, Phoenix

Doug

-----

- cleanup of Feb Services summary
- discussions with Goldman Sachs to stop building CMP using TOPLink/J and BMP.
- discussions with GERS about helping them with their eval
- Services admin stuff
- Chase Manhattan contract postponed
- Xtra Online contract postponed
- 3M training details
- Possible 2 weeks for Verve Inc
- Several long term (3-6 mo) jobs

Gary

-----

[1] San Jose, assisting Peter K at P.E. BioSystems. Nice weather.

[2] Worked on a few testing lab details with Anick. We're basically at the stage of enumerating what additional hardware we will need to place into the lab to clean it up a bit. We are also taking into account the forthcoming cluster(s) of machines. A list has been compiled and is pending Paul White's approval.

(This list is mainly things like a mini-hub, keyboard/monitor switches, cable, etc)

[3] Continued building of TOPLink Software library. We should have a decent collection of software by the end of the week.

--

The Future

- [1] Finish draft 2 of Performance Doc.
- [2] Upgrade Oracle to 8.1.7 on Solaris.
- [3] Software library building continues

Gordon

-----

Last week was spent working on developing changesets for TOPLink. Things looked fine, the Review on Friday went well.

This week for Mon, Tues, Wed I'll be working with Alan presenting a course.

Hong

-----

Recreated problems for TLJ.

James

-----

Status - Mar 27 2000 - JBS

Two weeks ago:

- a.. 2nd hand support
- b.. Moved to VA 3.0
- c.. A little bit of work on WebSphere demo/testing

Last Week:

- a.. On support - very crazy
- b.. Meet with Charlene for part of Monday/Tuesday to discuss 3.0 Builder and EJB

This Week:

- a.. Support cleanup for most of the week
- b.. Help with 2.5.1 beta build

Joel

-----

- TOPLink for WebLogic Support

Jon

-----

Accomplished this week

- Worked on creating test cases for assigned PRs
- Fixed Primary key - Partial attribute problem
- Created PR template, set up for testing of Grommit
- Prepared for TOP 303 course next week
- Started learning about EJBs

Issues

- None



Planned for next week

- Grommit testing
- TOP 303 Course

King

-----

- clean up the supports threads left from last week. (more than thirty open issues, felt like another support week)
- took Tuesday afternoon off to see the pediatrician and celebrate Amy's one month birthday. She weighed 10 lbs and 2 oz., the pediatrician said she's a perfect girl. I am happy!!!
- Friday worked on the TOPLink object insert order issue posted from the newsgroup. It looked like our advanced api addConstraintsDependencies() of Descriptor class did not work as I thought ( I wrote a testcase and verified it, unfortunately). I will talk with Alan this week sometime for this issue. (The thread in the newsgroup had more than 20 posts, as Don commented, "they're getting pretty antsy about the whole thing...")

Martin

-----

Last Week 20-24Mar:

-----

- Quite a bit of support (Markant, Kronos , Steinmayr, StPaul, Duke)
  - Even a bit of TOPLinkJ support (ICL SK)
- 5.1Pre:
- Spent the rest of the time mostly getting the tests run on VW.

This Week 27-31Mar:

-----

5.1Pre: We still haven't finished the testing. We are going to skip Sybase because the client does not work. We'll try to look at it for the 5.1GA. We are going to postpone Informix to the GA as well, because there seems to be too much SQL level troubles. This leaves us with following:

- Me: VW Access, Oracle VW, Access Interface/Batch Modes
  - Boris: DB2/VW
  - Whoever has a chance : SQLServer VW,
- We are still targetting to have the Prerelease ready by Friday.

Mike K.

-----

Mar 20 - 24

- denali test porting and testing
- investigation into writing out XML model
- cache synchronization feature review

Mike N.

-----

Peter K.

-----

Last week Gary and I were teaching TOP302. The course was in San Jose and despite one know-it-all-heckler, it went very well. There were six people in the course (although we were told that there would be 12), so the teacher to student ratio was excellent.

We discovered one problem in the new exercises (a bug in the populate method of Exercise 8).

PS Gary called me fat.

Peter O

-----

- VPN Meeting with Wayne and Paul
- Various customer calls regarding support
- Latest Newsletter published to web
- Reviewed web based news groups for support
- Misc admin

This Week

- On support
- Complete new support offerings

Rick

-----

- A few leftover support issues
- Teaching TOP302 to Public Works Commission (Tue-Thur)
- Tracker work with Wendy and Denise

Rob

---

Teaching TOP302 at GIC,  
Visited evaluator NetLife.

Shamima

-----

- \* Continued investigating the Denali DTD issue (thanks Mike K!)
- \* Helped Stephanie get started with Denali
- \* Created a Basic Demo for Denali using PersonBean
- \* Attended 95.407 class
- \* Worked on the Denali version of the Employee Demo (with Stephanie)
- \* Reviewed the alpha documentation

Stephanie

-----

- caught up on emails
- meeting regarding future builder requirements
- attempted to install Denali beta 2 from Install Shield -reference memory error, not resolved -set up machine for Denali -with Shamima, ported WLEmployeeDemo example for Denali -comments for first cut of denali docs -continued reading 1.1 spec

Steven V.

-----

Last week (March. 20-24)

-----

. TL for Java support with the James

This week (March. 27 - 31)

-----

- . Clean up support issues from last week
- . Research and possibly start doing code generation for WebSphere project

Wendy

-----

--finish multiple table info screen.

Huyen

-----

Les

-----

1. Made changes to XML reading and writing code that:
  - improved performance
  - made code more modular
  - eliminated dependency on com.sun.xml.\* packages
  - provided an interface for Brian's code to use
  - lazy initialized parser and made it possible to use different parsers
  - various other changes

Pascal

-----

Status report for the week March 20 to 24, 2000

Last week:

- Released the new splash screen.
- Released text field with regular expression.
- Finish the implementation of some pages of the Descriptor properties panel.
- Used Load/Unload from the Builder and fix gus of the Project Properties panel.

This week:

- Talk about the Descriptor Properties panel, move some page to a notebook.
- Finish the remaining page of the Descriptor Properties panel.

Paul

-----

Roger

-----

3/20-3/24

Worked with Chris on building and persisting the BldrMapping hierarchy. Modified the Crime scene model to include mappings to test the new mapping hierarchy.

3/27 - 3/31

Work with Pascal to connect the mapping UI with the new mapping object model. work on 2.5.1 patch release

Sales

=====

Katherine

-----

New customers:

Scient (Purple Demon) TLWL

Auctia.com TLJ

Fuji Heavy Equipment (Encyclosoft - IBM Japan)

Robert Half TLJ

Foundry Inc TLJ

Verve inc. TLJ  
Sema Group UK more TLJ  
Buck Consultants TLJ  
Cablevision Systems TLWL  
Capital One more TLWL  
Siemens GmbH TLJ  
Kapsch GmbH - support  
Lutris Technologies TLJ  
Chauncey Group TLWL  
Asix - support  
Mentor Labs TLWL  
Intelligent Digital TLWL  
Scient TLWL  
singinfish.com TLJ  
Wells Fargo TLJ  
Schwab - support  
Netlab Center - support

New evaluators  
TLJ 51  
TLWL 48

Stephen  
-----

- set up calls for Yash in Chicago, Houston area
- completed scheduled calls for current evaluators
- followed up on outstanding quotes.
- followed up on outstanding RFP with Ameritech - again
- checked in with existing customers
- trying to get GERS & Integrant Test Application running with help of Doug

Yash  
-----

- a.. A couple of e-mail/ phone conversations with Vinay Hooloomann (Trade Access) trying to help him run the TLWL employee demo - he was initially trying to run the demo with WLS 5.
- b.. A number of calls/emails to new evaluators of TLJ/TLWL
- c.. Talked to Donal Quinn of Chase regarding JDBC and using TLJ with WebSphere. They are not contemplating using EJBs now but future WebSphere integration is reassuring.
- d.. Talked to Kristy Harris (HOSystems) covering TLWL features - her manager recently took a WebLogic course where TLWL was recommended.
- e.. Had calls from a couple of would-be evaluators with some general questions and ftp download info - Bold Tech & Hub Group
- f.. Setting up additional trips - Chicago & possibly Texas (Houston, Abilene). Sent presentation outline for Qwest
- g.. Talked to Mithesh Thaker (jogz.com) about TLJ and CMP with TLWL. They're presently leaning towards SilverStream but may just be using Session Beans for now.
- h.. Talked to Arthur James of Stario Inc., a silicon valley start up. Discussed TLWL and using it in a WebLogic clustered environment.
- i.. Talked to Anjan Bacchu (abacchu@2wire.com) about TLWL performance and integration with WLS 5.x.
- j.. Talked to Jin Woo Shin regarding TLWL in a clustered environment and integration plans with WLS 5.x

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Wednesday, April 05, 2000 12:08 PM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report for March 27- 31, 2000

TOPLink team status report for March 27 - 31, 2000

Ottawa

=====

Alan

-----

Status

-----

Monday through Wednesday

Teaching 303 (TOPLink for WebLogic) to Scient

Thursday - In Chicago meeting with Martin Fowler and Kai Yu. We have been accepted to present a talk at Java One, so we thought we should figure out what it's going to be about.

Friday - Catching up on all the miscellaneous I didn't do the rest of the week.

Blaise

-----

Status Report March 27 - 31

- Finished up support from the previous week.
- Consulted on the GERS application with Doug.
- Attended Brians design review on the TOPLink SDK/XML..
- Worked on fixing the Oracle 8.1.6 installation on Saturn (Solaris).

Boris

-----

Christiana

-----

Mar 27-Mar 31

On Support

Dan

---

Monday March 27

- Meeting with doug, peter, james. Didn't have any schedules ready.
- Meeting with wl team concerning testing plans.
- Talked to TheoryCenter concerning plans for TOPLink support.
- Posted some support responses to newsgroups.

Tuesday March 28

- Denali development: added support to route all finders through currently active units of work this will allow for named queries to conform to unit of work if

desired. Test case required.

Wednesday March 29

- Denali development: added in support for non-transactional calls on entities. Basic tests pass - more tests required.
- Denali development: changed remove to check active unit of work. This should allow for removal of beans created. Test case required.
- Denali development: added feature for replacing originals within transactional and non transactional units of work. Should solve caching problems found when using Soft/weak caches. Test case required.

Thursday March 30

- Denali development: added feature for placing nulling out contexts for deleted beans. Should eliminate problems that arise when old beans are accessed after `remove()` is invoked. Test case required.
- Denali development: remove should now check cache for new beans deleted in current unit of work (change to internal `findByPK`). Test case required.
- Denali development: `findByPrimaryKey` checks cache to allow for removing new beans in `unitOfWork`, calling `getEJBObject` on context for newly created beans.

Friday March 31

- Attended XML feature review meeting, asked dumb questions.
- Denali development: cleaned up code changed this week
- Worked on documenting CMP feature

Denise

-----

March 27 - 31

- TLJ recreating problems
- Support Tracker development with Rick and Wendy

Dennis

-----

March 27 - 31

- off Monday, Macyn was sick
- spoke with Chris Hopper of WebGain/BEA about our release schedule for TWL 2.0
- filled out RFP for Web Holdings
- reviewed IBM Marketing program plan

Donald

-----

Week of March 27th, KnowledgeNet, Phoenix  
Week of April 3, KnowledgeNet, Phoenix

Doug

-----

- Tuesday-Wednesday in Miami at WebSphere 2000 (attended a VAP talk, they are starting to line up pretty closely with all of our mapping features)
- Lunch with PSC consultant
- Almost confirmed Chase Manhattan, lawyers got in the way.

- Far too many Faxes with EMC for a 1 hour call
- Long conference call with GERS (Blaise looking into their code)
- Worked on versioing demo using Airfare domain example
- Finished Dynamic Query demo for Calico
- Setup contract for Christian to help Reef/VerveInc in Melbourne
- Many other not so memorable activities

Gary

-----

[1] 2.5.1 Pre-release loadbuild. This is taking a little longer than expected. DB/2 is acting really S-L-O-W-L-Y. Should be done today or tomorrow, though.

[2] Oracle Server on Solaris died. Spent some time trying to get it revived again. No success. I'll take another crack at it this week.

[3] Ran around cementing a few issues about new machines in the testing lab. Anick, PeterO and myself made a pitch to Paul White about getting 4 more machines as soon as possible.

[4] Inquired into obtaining some of that App Server software. We should be getting Oracle OAS (directly from Oracle) soon, and Netscape iPlanet (c/o Mike Milinkovich) soon as well. Now if we only had machines to install them onto...

[5] Managed to avoid getting called "fat" by you-know-who.

The Future

-----

[1] Finish 2.5.1. Expecting to have this shippable by Tuesday [2] Fix Oracle, upgrade to 8.1.7 [3] Get new machines, install new App Servers on machines. [4] Performance doc.

Gordon

-----

Last week I worked with Alan presenting a course. It went well and I got my first ObjectPeople experience at teaching. The rest of the week was spent finishing up getting change sets to calculate, and attempting to figure out how I'm going to integrate the ChangeSets into the Unitofwork. The week to come will be spent on TOPLink for WebLogic Support.

Hong

-----

On TLJ support.

James

-----

Status: April 3 2000 JBS

Last Week:

- a.. Monday: Support from last week
  - b.. Tuesday: Support from last week
  - c.. Wednesday: Support, bug fixes, 2.5.1 prelease stuff
  - d.. Thursday: Support, EJBifying the Employee Demo
  - e.. Friday: Support, SDK/XML review, EJBifying the Employee Demo porting to WS machine
- This Week:

- a.. Hopefully get EJB Employee Demo working on WS
- b.. 2.5.1 prerelease

Joel

----

- TLWL 1.5.0.1 testing (started last week, finish this week).
- Denali test case migration.
- Ping pong - almost beat Francois (lost 22-20).

Jon

----

Accomplished this week

- a.. TOP 303 course
- b.. Started TOP 1101 - Weblogic & Servlets course
- c.. Started preparing for support next week.
- d.. Worked on Test cases

Issues

- a.. None

Planned for next week

- a.. TOPLink J support (Yikes!!!)

King

----

- built a testcase (baby object model) to verify the Jams' fix on addConstraintDependencies() api of Descriptor class to configure the insert order during commit. It worked. In the more complex model, the mapping order could affect the insert order. All changes merged into 2.5.1 pre-release
- more works on aggregate collection mapping, sequencing, valueHodler, update on unchanged object, etc.
- Brian's SDK documentation review and conference call
- help Gary loadbuild 2.5.1 pre-release

Martin

-----

Last Week 27-31Mar:

-----

Support: (Duke, StPaul, Steinmayr, SPL WG)

TL/S 5.1 Pre:

- finished the tests.
- versioned and exported

This Week 3-7 Apr:

-----

- Get the prerelease to the clients
- Attack plan for the GA
- Probably resume work on Server Tests

Mike K.

-----

Mar 27 - 31

- TLWL support

Mike N.

-----

Accomplishments

- a.. Got WebLogic 5.1.0 Candidate release working in VisualAge!
- b.. More Denali testcase: CreateExceptions, BasicCreate, all sorts of Finder tests (found and fixed some bugs in the finder generation code)
- c.. Work on customizing the various scripts on the testing machine so that we can



have multiple installed copies of WebLogic and TOPLink - without interfering with each other!  
d.. lent a helping hand to Stephen re: Unix sysadmin.

#### Issues

1.. TLWL 2.0 Beta 1 - get our TestingFramework models all working - ASAP!  
2.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This Week's WorkItems

a.. TL4WL 2.0 testcases  
b.. More script work for testing machine  
Next Week's WorkItems

a.. Denali - more work on testcases

Peter K.

-----

Peter O

-----

#### Last Week

- On support
- Web based news groups up
- Support voicemail boxes in place
- TOPLink lab meeting with Paul, Gary, Anick
- Enhanced support meeting with Mike and Katherine
- General Q&A calls with Sprint, Cygent and Snapfish

#### This Week

- Support clean up
- First trial of new support tracker
- Meet with Carleton's new coop admin

Rick

----

Rob

---

March 27-31 2000

Monday - travel day (27 hours of travel back from Singapore) Was in a jet-lagged stupor most of the week. Updated the TOP302 (TOPLink) course hands-on Wrote a script to do conversions of TL source code from com.sun.java.swing to javax.swing. (JDK1.1 to Java2) Installed VAJ3.0 Java2 version.

Shamima

-----

- \* Attended Support Handover meeting
- \* Participated in the TOPLink for WebLogic Testing meeting
- \* Worked on XML writing (thanks Mike K!)
- \* Handled my \_first\_ support phone calls!
- \* Tested Basic Person Demo for Denali
- \* Cleaned up old/longterm support issues
- \* Survived TOPLink for WebLogic SUPPORT with Mike K
- \* Wrote 95.407 midterm #2

Stephanie

-----

-talked to wl team members re:  
-what test cases should be included in "general test suite"  
-what tests have been ported for Denali  
-ported test cases for Denali  
-problem with DeploymentCustomization  
-read EJB1.1 specification

Steven V.  
-----

Wendy  
-----

Last Week:  
Support Tracker Development

This Week:  
Recreating Problems

Raleigh  
=====

Brian  
-----

last week  
Preston design review  
    well-attended; good input  
worked on Preston  
    read all for simple objects  
    Aggregate Collection-like Mapping  
conference call with Chubb re: SDK  
hiring interview: Karen Read  
lurk while Big Daddy rules the newsgroups  
problems with laptop screen...

next week  
work on Preston  
    Aggregate Collection-like Mapping  
    start building descriptors  
    Gromit DTDs  
migrate to VisualAge 3.02 (jdk1.2)  
get laptop screen serviced

Charlene  
-----

Last week:  
- Some support and newsgroup answering  
- Finished the type conversion stuff  
- Helped Chris refactor the BldrClass hierarchy  
- Recruiting

This week:  
- Work on project properties and default settings pages

Chris  
-----

Week of 3/27:

Mon-Wed taught TOP302. Went very well - see newsgroup posting. Thu-Fri worked with Charlene on some major changes to our model

Knowledge tidbit: In VAJava, there is a "Management Query" tool that I didn't know about. Go to Workspace->Management Query. It allows you to search for open editions, unreleased classes, etc.

Week of 4/3:

Bring in some more co-ops for interviews

Document code

Work on Mapping stuff

Work on CrimeScene example

Doug

-----

Huyen

-----

Last week:

- Learn Denali & TL 2.0

- Prepare for TL course at 3M

This week:

- Teaching course at 3M (Monday)

Next week:

- Coming to Ottawa to help with TL 2.0 docs

Les

-----

Last week:

Monday thru Wednesday - Intro to TOPLink course at Bank of America in Charlotte

Thursday - some support, studied TOPLink testing framework

Friday - worked on TOPLink testing for TOPLink SDK for XML

Pascal

-----

Status report for the week ending March 27 to 31, 2000

Last week:

- Change Descriptor props page to add/remove at runtime the advanced pages.
- Fix bugs in Descriptor, Project props page.
- Implemented BldrOptionPane, it's a better version of JOptionPane.
- Talk with Charlene to implement a FilteredList panel, dialog.
- Change the UI (border, look and feel).

Paul

-----

Last week:

Fixed Bldr[...]Renderer

Upgraded to VA 3.02

Started refactoring BldrMainView

This week:

Refactoring BldrMainView

Roger  
-----

Sales  
=====

Katherine  
-----

Stephen  
-----

Yash  
-----

- a.. Talked to Mihran Mkrtchian of Wave Systems about TLJ, the architecture & the demo programs, he was having some problems running the demo.
- b.. Followed up with Ian Brandt of Genomics, he asked for a license extension
- c.. Talked to Wilhelm Thomas of MDL Information Systems. Wilhelm wanted to understand TLJ and also TLWL and benefits of CMP.
- d.. Talked to Ari Haberstadt of Lycos, he had questions about using TLJ in an EJB server environment ( Session Beans, BMP).
- e.. Talked to Sanjeev Shankar of EnTrade covering both TLJ, TLWL and how we differentiate from our competitors (Cocobase).
- f.. Talked to Nicholas Whitehead of AuctionLogic. They are migrating their auction management system to an EJB architecture and Nicholas wanted to know how TOPLink can help.
- g.. Talked to Savio De Souza of Systems Excellence about performance - TOPLink vs. JDBC, performance optimizations etc.
- h.. Discussed TLWL features with Jeff Do of Outcome.
- i.. New inquiries / Pricing requests etc. - AEM, SmartForce
- j.. Numerous calls/e-mails to new evaluators.
- k.. Chicago Trip with Katherine (3/30-3/31) - visited Lightflow, Bank Of America, Business Logic, Chicago Tribune

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Tuesday, April 18, 2000 8:35 PM  
**To:** toplink.java@objectpeople.com  
**Subject:** Status Report April 3 - 7, 2000

TOPLink team status report for April 3 - 7, 2000

Ottawa  
=====

Alan  
-----

Blaise  
-----

Status Report April 3 - 7:

- Consulted on two apps with Doug (GERS and Nextel).
- Worked on getting TOPLink to run inside the Oracle8i VM.

Boris  
-----

Christiana  
-----

For Week of April 3 - 7

Mon - Tues: Support Clean up  
Wed : Off Sick  
Thurs - Fri: Test Case Development

Dan  
---

Monday 3/4/2000

- Documentation and demos meeting with team and Jane.
- Built "alpha 2" jars for internal testing.
- Continued with testing.

Tuesday 4/4/2000

- Testing

Wednesday 5/4/2000

- Worked on CMP feature document.
- Wrote summary of some reasons why we are better than Cerebellum.
- Assigned documentation chapters to members of team.
- Wrote out work required for Huyen and Donald for next week

Thursday 6/4/2000

- Found problems with GA version of WLS, spent all day debugging

Friday 7/4/2000

- Spent all day trying to figure out WLS problems

Sunday 9/2/2000

- Found causes of problems, created "alpha 3" version of denali build, tested build with 5.1 GA - seems to work.

Denise

-----

April 3-7

- TLJ Support

Dennis

-----

April 3 - 7

- lunch with potential trainer
- reviewed some promotional material
- TOPLink resource, schedule and product planning
- TOPLink exec meeting

Donald

-----

Doug

-----

- Worked with Blaise on Nextel demo
- Discussions with GERS
- Some work on a servlet demo
- Regular services admin stuff

Gary

-----

Status Report - April 3rd to April 7th

[1] TOPLink 2.5.1 Pre-release build. This took a while to do, but was also tested MUCH more thoroughly than a standard build. Released Friday.

[2] Worked with Mike Norman in getting Oracle up and running again on Solaris. Had to get help from Oracle tech support. Information on getting through to Oracle tech support is posted on the wall in the testing lab for anybody else who may need to.

[3] TOPLink for Smalltalk 5.1 Pre-release also released! I helped get the web stuff setup.

[4] Table quest. I have been asked by Paul White/Wayne to look into getting appropriate tables for the testing lab. I have a few leads that I have been chasing down. I may need to go to Carleton University next week to talk to former co-workers about the tables they have been using for their labs.

[5] Added WebSphere 3.0 to the TOPLink Software Library.

[6] New networks (4) drilled into TOPLink lab. Things are looking up! 4 new machines are expected to come in some time next week.

[7] Recieved my new personal desktop machine. Nice, fast, lots of disk space. It is a great improvement over my current desktop, and will allow me to do more of the loadbuild and packaging tasks on my machine as opposed to trekking over to the testing lab every 5 minutes. Plus, it'll definitely help boost those half-life scores.

[8] Recieved a pack of Oracle software! Oracle OAS is now here! I just need a machine to install it onto. I'm still waiting to hear back from Mike Milinkovich about Netscape iPlanet.

--

The Future:

- [1] Performance Doc final draft.
- [2] Configure new desktop.
- [3] Setup 4 new incoming machines.
- [4] Get AppServer software!
- [5] Find proper tables for lab.

Gordon

-----

Hong

----

- Followed up a support item.
- Test case development.
- Gromit testing: 2.5.1 Builder (half day).

James

-----

Status April 10 2000 JBS

Last Week:

- a.. 2nd hand support
- b.. worked on getting employee demo working with WebSphere and TOPLink
- c.. helped with 2.5.1 pre-release

This Week:

- a.. continue working on TLWS employee demo

Joel

----

- TOPLink for WebLogic Support all week.
- Discussed XML with Mike Keith.
- TOPLink for WebLogic 1.5.0.1 Testing

Jon

----

TOPLink J support. (Whew!)

King

----

- load build 2.5.1 pre-release in jdk 1.1 and jdk 1.2 version, mainly run the Light Run All test suite and some feature test suites (ClientServer, remote, broker, etc.) against Oracle
- aggregate collection mappings documentation review meeting
- Be a patch man with Peter's absence. Wrote 2.5.1 patch summary and sent the patch to

all the clients with "waiting for patch" in the tracker  
- completed the bug/patch records across 2.5.0.x into PRS

Martin  
-----

Last Week 3-7 Apr:  
-----

- Support (SPL, steinmayr)
- Preparing TLS 5.1 Pre for the clients
- Reviewed the plan for the GA
- Resumed working on Server Tests

Mike K.  
-----

Apr 3 - 7

- team meeting on doc
- created models and code for XML deployment descriptor generation
- investigated into conversion tool for version migration of bean deployment

Mike N.  
-----

#### Accomplishments

- a.. More Denali testcase: more Finder tests - return-many via SQL, Expressions, etc.  
(found and fixed some bugs in the finder generation code)
- Persistent bug with return-many: worked on Dan's machine, not mine -  
finally figured it out on Saturday
- b.. Meetings: talk about Documentation, what we want for testing, demos
- c.. Install WLS 5.1 GA - some differences in behaviour
- d.. lent a helping hand to Blaise re: Oracle on Solaris

#### Issues

- 1.. TLWL 2.0 Beta 1 - get our TestingFramework models all working - ASAP!
- 2.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This  
Week's WorkItems

- a.. finish TL4WL 2.5 testcases
- b.. support

Peter K.  
-----

CancunBoy's Status report for last week:

- Tanning
- Snorkeling
- Sailing
- Swimming (pool and ocean)
- Shopping
- Siestas
- Parasailing
- Water Volleyball
- etc...

Peter O  
-----

Rick  
-----



Status Report: April 3-7 2000

- On TOPLink for Java Support with Denise and Jon
- Miscellaneous Support Tracker 2 stuff

Rob

----

April 3 - 7.

Spent three days at ADP

Fixed ReadAllQuery conformResultsInUnitOfWork NPE bug.

Shamima

-----

- \* Attended Support Handover meeting
- \* Participated in the TOPLink for WebLogic Doc & Demo meeting
- \* Finished first version of XML writing capability with the excellent Mike K
- CMPBeanDefinition and related classes can now write out their properties
- Created a very simple BeanDefintionWriter class
- \* Got sick :( [Took Tuesday afternoon off]
- \* Worked on XML-DOM (& DTD) restructuring
- The parser in the BeanDefinitionLoader now validates using the DTD
- Bean-specific deployment properties can now be supported
- \* My last 95.407 class
- Did a demo of a Genetic Algorithm solution to the knapsack problem
- \* Tested latest versions of TOPLink for WebLogic (2.5 alpha 2) and denali (5.1)
- The GA is behaving like an X-file
- \* Started EmployeeDeploymentDescriptorGenerator class

Stephanie

-----

April 3 - 7/00

- new research timesheets, catch up
- wl team meeting, documentation
- porting test cases
- 1 day xml course
- installed wl ga
- problems with wl ga and our

Steven V.

-----

Last Week (Apr. 3-7)

-----

- . Got WebSphere up and running on my machine
- . Looking at code generation for entity bean in WebSphere
  - . Found out where to put our code generation and I got it generates stuffs.
  - . It would be cool if they give us a hook to their code generation in VisualAge.  
I found a hack to do this by modifying one of their class and add one of ours.

Wendy

-----

April 3 - 7

- reproducing problems

Raleigh

=====

Brian

-----

last week

worked on Preston

Aggregate Collection-like Mapping

installed VisualAge for Java 3.02

attended King's AggregateCollectionMapping review

replaced laptop screen...

Charlene

-----

Last week:

- Helped Chris revamp the ClassLoader and handle our classes that wrap actual Java classes
- Worked briefly on dialog to create a new project
- Slight rework on the serialization of the database type manager
- Recruiting
- Scheduling

This week:

- Default properties for projects/descriptors UI

Chris

-----

Week of 4/3 - 4/7

New project dialog updated

Class path panel updated

Sent a build to Ottawa

Worked on mapping UI with Pascal

Builder support

Set up co-op interview for next week

Doug

-----

- finished the code to update the associated tables panel when changes in the model occur
- refactored the general tab of the descriptor properties page. separated it into three classes in anticipation of moving the respective pieces to other tabs.
- refactored the associated table selection panel to be a dialog for selecting the primary table associated with a descriptor.

Huyen

-----

April 3-7, 2000

- TOP302 at 3M (Mon-Wed)
- helped Doug with customer support question
- started preparing for TLWL25 work this week

Les

-----

Tasks:

- XML research
- Learning TOPLink Testing Framework
- Testing XML read/write code
- Learning XML integration into TOPLink SDK

Pascal

-----

Status report for the week April 3 to 7, 2000

Last week:

- With Chris, did the layout of the mappings pages and connected them to the Builder.
- Released the About dialog.
- Finished the basic of BldrFilteredList panel and dialog.
- Changed some layout of main view.

Paul

-----

Last week:

Worked with Roger to refactor BldrMainView. We got the original from 5 pages of attributes and methods down to around 2 pages by adding helper classes BldrActionManager and BldrMenuManager. Code is much more readable, and it is now much easier to navigate when adding actions and their associated menu items and toolbar items. This also reduces the likelihood that more than one developer will have an open edition of one of these classes.

Roger

-----

4/3 - 4/7

Implemented functionality to allow multiple main views. Refactored Main View menu and action subsystems to simplify mainview and encapsulate menu generation. Worked on solidifying the menu action vs. selection policy and reorganized menus.

Sales

=====

Katherine

-----

New customers:

Scient TLWL

Citadel Investments TLJ

SHD GmbH TLWL

EMC TLJ

SAIC TLWL

Lightflow TLJ

BKM GmbH TLJ support renewal

Oracle/TRW TLJ

Viant TLJ

Gartner Group TLWL

Sprint TLJ & TLWL

Platform 7 UK TLJ

Princeton University more TLWL

GPC GmbH TLJ

Sprint more TLWL

UDAC TLST support renewal

Innovative Datenverarbeitung GmbH TLJ

New Evaluators

TLJ 50

TLWL 39

TLST 2

Stephen

-----

- sent new evals to Yash to contact.
- followed up on outstanding quotes.
- checked in with existing customers
- trying to get GERS & Integrant Test Application running with help of Doug, Dennis and Blaise
- working with Michelle Sanguinet at eXcelon to get ABT Corp test app running
  - Hajo with ABT has inquired about a site license and OEM of TOPLinkad
  - will be arranging a conference call with Mike Milinkovich

Yash

----

- a.. Had a conference call with Vish, Mike and Vitaly of Instinet to give them an overview of TLWL. They are planning to use WebLogic 5.1 and will like to participate in TLWL 2.5 beta
- b.. Replied to Eric Meredith of PNC bank regarding his questions on using TLJ with VAJ.
- c.. Talked to Pavan Sethurathnam of CBSI covering 3-tier framework in TLJ.
- d.. Talked to Sanjeev Shankar of Entrade. Sanjeev wanted to discuss the pros & cons of OODBMS (evaluating Poet) vs. TOPLink with emphasis on CMP.
- e.. Talked to Cheyenne Thomas of Sprint helping him out with getting connected to database via builder so he could get started with the demo. Also gave him a brief overview of TLJ.
- f.. Talked to Vidyaa Shanthi of CSC to discuss how TLJ can help them move from a script (Perl) based system to Java.
- g.. Talked to John Hodgson of John Hodgson to discuss TLJ. John has been using Forte Express which got bought by Sun.
- h.. Visited Equiva Trading (Houston) and Qwest (Dublin, OH).

## Ed Grundler

---

**From:** Dennis Leung [dennis@objectpeople.com]  
**Sent:** Friday, April 28, 2000 9:18 AM  
**To:** toplink.java@objectpeople.com  
**Subject:** TOPLink Status Report for April 17 - 21, 2000

Hi everyone,

Sorry for the tardiness of this.

TOPLink team status report for April 17 - 21, 2000

Ottawa  
=====

Alan  
-----

Blaise  
-----

Status Report for April 17 - 20:  
- TLWL Support with Shamima

Next Week:  
- TLOJ hopefully using 8.1.7

Boris  
-----

April 17 - 20  
Making the eval config map for TL/S 5.1

Week of Apr 24: Restructuring platform lineups in TOPLinkPrivate subapps (so we don't have an explicit Cartesian product of all possible configurations in the config list).

Christiana  
-----

Dan  
---

Monday 17/4/2000  
- webGain meetings galore  
- meeting with Donald and Huyen re: demos

Tuesday 18/4/2000  
- some support (ObjectSpace)  
- had feature review for the "no transaction" support in TLWL

Wednesday 19/4/2000  
- recoded create/remove code to allow for no transactions (temporary)  
- recoded bind call so that no UOW is created when

transactions are not provided.

- logged problem with Seth re: transaction support
- answered some newsgroup postings
- webGain HR meeting. The HR person asked if Dennis was a coop student - it was very funny.

Thursday 20/4/2000

- tried to reproduce problem Huyen was having with demo

Denise

-----

Dennis

-----

April 17 - 21

- went to meet with Raleigh team with Joe Menard and Mike
- talked to Tony Markhill of Entra
- talked to some people at WebGain
- meetings with Mike
- calls with WebSphere folks

Donald

-----

Last week - Weblogic 5.1 demo, news support, misc.  
This week - RT One, Boulder

Doug

-----

Status Report (April 17-20, 2000)

- WebGain meetings with Joe & HR
- Negotiate services for RTOne, Integral, Idapta (previously Intelligent Digital)
- Load up people on the TOP 302 for the 26th.
- Completed March'2000 services summary
- Working on GERS problem with SP & opt. locking
- Work on demo to use TOPLink in any app server w/o entity beans

Gary

-----

Status Report - April 17th to April 20th

[1] 3.0 Loadbuild. Completed. Thanks to King for testing this through. Testing on this took a while.

[2] 2.5 Pre-release 2 loadbuild - should be done today or tomorrow

[3] Re-wired machines in TOPLink Lab to use a switch, saving us valuable real-estate and monitors/keyboards. This took a while to do. Plus, the four new machines are up and running, ready for use.

[4] Helped Huyen obtain some full source TOPLink for WebLogic Server goodness.

[5] Removed non-TOPLink/WebGain staff from toplink.java mailing. Exceptions, as per Dennis' request: Christian Weeks, Robert Colombara, Martin Jaekle.

[6] Repository problems seem to have gone away now that WLS members have migrated back to the single repository. Either way, we restored an old backup of the short-lived TLWLS repository. So now we know that the backups are being done properly.

Gordon

-----

Last week -- Integrating Change Sets with the UnitOfWork  
This Week -- TLWL Support

Hong

-----

Last week:

On TLJ support.

This week:

On TLJ support (backup).

Cleaning up.

James

-----

Status April 24 2000 JBS

Last Week:

a.. Finished getting bought

b.. Meetings

c.. Support

d.. Admin/mgr stuff

e.. Load build helping

Joel

-----

- tlwl beta2 testing

- writing troubleshooting doc for the user guide

- betal support

Jon

-----

Status report for the week ending April 21, 2000 for Jon Driscoll

Accomplished this week

a.. Builder 3.0 testing

b.. Meeting with Joe Menard

c.. Meeting with BEA HR

d.. Test cases

e.. Problem re-creation

f.. Good Friday - Holiday

King

-----

- first week of WebGainer

- load build 3.0, several unsolved issues remained

- Thursday afternoon off (Amy took the immunization needle

Martin

-----

Last Week 17-20Apr

-----

- Quite a bit of support (steinmayr, usaa, boc)

- batch reading tests
- server tests

Mike K.

-----

Apr 17 - 21

- debugged clustering/WLS 5.1 problems
- reworked Deployment Customization chapter in TLWL doc
- deployment descriptor conversion tool upgrade and mods
- watched with glee as Dennis jammed well-dressed side-talking insurance man through meat grinder

Mike N.

-----

#### Accomplishments

- TLWL support - clean up leftovers from previous week.
- work on test models: EJBObjectBehaviour, BeansAndNoIndirection.
- problem with laptop: can't run Oracle 8.1.6 local - finally got it working Thursday.
- Laptop crashed on weekend

#### Issues

1.. Need single KeyGeneratorForm that works for all TOPLink 2.5-based products. This Week's WorkItems

- get back e-mail messages and setup proper archiving for Outlook
- release TL4WL 2.5.1 Beta2

Peter K.

-----

Last week.

2.5.1 pre release ii

Bug fixes.

Helping with test cases, etc...

Peter O

-----

Last Week

- Telephone support contracts to Sprint and EMC
- Discussion with Howard Harvey, Compass Learning re: 24x7 and other support options
- Coop reviews
- Joe Menard meeting
- BEA HR meeting
- Informal meeting with Sean Campion
- School Friday

This Week

- 100% pure certification out the door
- Sami and Brendan start

Rick

-----

April 17-21

Monday:

- Tracker work with Wendy and Denise



Tuesday - Thursday:

- TOP302 at Bank of America in Chicago with Denise

Rob

----

Week of April 17-21 2000

- cleaned up after support
- made TLJ patches
  - duplicate sequence numbers in concurrent applications,
  - Transformation mapping from aggregate descriptors caused NPE,
  - RemoteSession were unnecessarily populating collections in partial object query
- reworked Multiple table descriptors in TLJ 3.0

Shamima

-----

- \* Attended Support handover meeting
  - mini tutorial on the new Support Tracker (which rocks!)
- \* Fixed my Glasses (yay Mary Anne and her infinite screw drivers)
- \* Attended the WebGain meeting
- \* Installed JDK1.2.2 for the new Support Tracker
- \* Attended the BEA/WebGain HR meeting
- \* Lunch with the BEST coworkers in the world (Thank you :)

~Prime for TOPLink for WebLogic Support~

Stephanie

-----

April 17 - 20/00

- meetings (WebGain, support tracker, HR etc.)
- support clean up
- read through WebLogic 5.1 docs
- worked on hot deployment tests
- booked waterskiing lessons with world waterski champion (in Bermuda)

Steven V.

-----

Wendy

-----

Raleigh

=====

Brian

-----

last week  
vacation

next week  
work on Preston

- SDK Aggregate Collection Mapping
- SDK Source Foreign Key One to Many Mapping
- start building descriptors

Gromit DTDs  
handle mountain of e-mail  
fill out WebGain forms

Charlene  
-----

Last week:  
- Many meetings regarding acquisition  
- Downloaded and reviewed StructureBuilder  
- Worked on ReferenceMapping  
- Designed class/package adding dialog

Chris  
-----

Last week (4/17 - 4/21):

Worked w/ Doug on multiple tables stuff  
Started on Wallace/Gromit project conversion, reading INI files, etc. Met w/ Joe Menard  
Met w/ HR

Doug  
-----

Week of April 17-21  
-----

worked with Chris to change the model to better support associating multiple tables with a descriptor.

continued working on the GUI for associating tables with a descriptor.

Huyen  
-----

Status Report:

Completed working demo for TLWL 2.5 and finished documentation for it. Helped Joel finishing groundwork for trouble shooting section

Les  
-----

Last week:  
Continued working on testing for the SDK

Pascal  
-----

Last week:  
· Finish the implementation of Object type mapping panel.  
· Upgraded Unmapped panel  
· New panel for multi-selected tree node  
· New splashscreen  
· Work with Roger on hooking up menus with converting mapping  
· Finish the re-implementation of the Reference page

Paul  
-----

Last week:  
Worked on BldrMultipleClassChooserDialog.  
Meetings, meetings, meetings!

Roger  
-----

4/17 - 4/21

Menu and tool bar support for converting mappings from one type to another. BEA/WebGain meetings Builder support (fairly light - I think the news groups are really helping)

Sales  
=====

Katherine  
-----

New customers

KBKids.com (eXcelon) TLJ  
SmartPrice.com TLJ  
JP Morgan (UK) TLWL  
Echo Online TLWL  
Iteratec (GmbH) TLWL  
Dept. of Justice (Australia) TLJ  
Koukia Systems (Australia) more TLJ  
Gelco TLWL  
Debis (GmbH) TLJ  
Citadel Investments more TLJ  
NetShepard TLWL  
Dresdner Kleinwort Benson (India) TLWL  
Scentier TLJ  
St. Paul (GbmH) TLJ  
Cablon Medical (Netherlands) TLJ  
Hard Dollar TLWL  
Init (GmbH) TLJ  
YellowBrick Solutions TLJ  
Wave Systems TLJ ->TLWL  
Insurity more TLJ  
Global eVentures TLWL  
3M more TLJ  
Sprint TLJ ->TLWL  
Crowley Maritime TLJ support renewal  
Fedex TLWL support renewal  
Steinmayr TLST

Evals

TLJ - 60  
TLS - 3  
TLWL 54

Stephen  
-----

Yash  
-----

On Vacation.

# INVENTION DISCLOSURE FORM

Date: Feb 26 2001

Disclosure No.: \_\_\_\_\_

**1. Title of Invention (please limit title to between 7 and 10 words, do not use product, project, or code names):**

Usage of a mapping framework to map XML data to an object model.

**2. Submitter (if not primary contact, please indicate which inventor should be the primary contact):**

Full name: Brian James Vosburgh  
(First) (Middle) (Last)  
Home Address: (Street) 3720 Lochnora Parkway  
(City, State and Zip) Durham, NC 27705  
Work Location: (WebGain – Raleigh) 5511 Capital Center Drive, Suite 210, Raleigh, NC  
27606, USA  
Department: TopLink  
Work Phone: (919) 816-8114  
Home Phone: (919) 489-3320  
Position: Staff Software Engineer  
Employee I.D. No.:  
Supervisor (at time of patent): Dennis Leung  
Supervisor Phone No.: (613) 569-8702  
Citizenship: USA  
Social Security No.: 445-80-1134

**3. Other Contributor(s) to the Invention:**

**4. Non-employee Contributor(s) to the Inventive Concept:**

Have any persons who are not company employees contributed to the inventive concept?

☐ Yes ☒ No

If so, please attach a separate sheet with full details concerning any such individuals, their relationship to the company and their contribution.

## 5. Background of the Invention:

- i) What is the problem/objective to which the invention is directed? (do not disclose your invention yet)

Extensible Markup Language (XML) defines a standard, programming language-independent, textual format for representing data. Object-oriented languages such as Java represent data with objects and object models. An application or business object model represents an application's data by modeling the real-world domain objects of the application. It is desirable to make use of XML data in an object-oriented application through an application object model. However, the two data formats are distinct and different. XML is a plain text document composed of a collection of elements in a hierarchical format. Objects are composed of a rich set of data-types, pointers, application rules/methods, inheritance, and relationships to other objects.

- ii) What have been the prior solutions/approaches to the problem/objective? (do not disclose your invention yet)

XML parsers such as Xerces, from The Apache Software Foundation, provide a prior solution for reading in and parsing XML data into Java.

- iii) What are the shortcomings/limitations of the prior solutions/approaches? (do not disclose your invention yet)

XML parsers only provide a mechanism for reading and parsing XML data into Java. These parsers handle XML data in one of two ways:

- A Simple API for XML (SAX) parser streams over the XML data and generates events as the various components of an XML document are encountered.
- A Document Object Model (DOM) parser reads in an entire XML document and generates a straight parse tree representation of the document.

Neither of these parser types provides application object models; nor do they provide support for inheritance or relationships.

## 6. Detailed Description of the Invention:

- i) Please describe the solution/approach which forms the basis of the subject invention? (attach technical specifications, block diagrams, flow charts, sketches, photocopies of engineering notebook pages, etc.) Also include how the solution/approach of the present invention overcome/minimize the shortcomings/limitations of the prior solutions/approaches?

The solution uses an object mapping framework to map a XML document to an application object model. This solution solves both reading XML data into an object model and writing an object model into XML data.

The XML to object mapping solution has several aspects to it, these include:

- 1) Ability to define how the elements from a set of XML documents map to the attributes and relationships of an object model.
- 2) Ability to read and parse the XML document into the object-oriented language in an intermediate data format.
- 3) Ability to use the mapping information to map the XML data into an object model including inheritance and relationships.
- 4) Ability to use the mapping information to map the object model into XML data.
- 5) Ability to write the XML data into an XML document.

To solve (1) a meta-data architecture was used. The meta-data composed of mapping information including:

- The object model class and corresponding XML element.
- The class's attributes and the corresponding XML elements.
- Any transformations or conversions that are applied to the XML data to convert it to the class's type.
- If the attribute is a relationship, the type of relationship the attribute and element represent (aggregate, aggregate collection, 1-1, 1-m).
- For relationships, the referenced class and the XML elements that define the relationship.
- The XML elements that define the class's type, if the class is involved in inheritance.

This meta-data can be captured through a graphical user interface (GUI) mapping tool; or through an XML document that describes the meta-data; or through an object model that represents the data. In this solution all three are provided, the solution actually exports an XML document from the GUI tool and then uses itself to read the XML document into the object model that represents the mapping information.

To solve (2) and (5) a third party parsing XML parser was used. The XML parser was used to read and parse the XML document into a parser tree format. It was also used to take a parse tree and write an XML document.

To solve (3) and (4) a runtime API is provided to read and write an object model to and from an XML system. This runtime API defines a session object that represents the application's point of contact into the XML system. The session object loads the meta-data mapping information when initialized. When the session is sent a read request it uses the meta-data mapping information to instantiate the correct object instances for the XML data. The meta-data mapping information is used to determine how to populate the attributes of the object instances from the XML data. When the session is sent a write request it uses the meta-data mapping information to create the correct XML document and elements from the objects.

**7. Most Pertinent Relevant Art:**

- a. (What is the closest "Relevant Art" (e.g., patents, technical publications, products, work by others) of which you are aware? Please be as specific as possible.)

TopLink has supported object-relational mapping since 1.0 (1997/1995). Although we reused some of the existing technology, object-XML mapping is significantly different than object-relational mapping.

TopLink has supported an extension product, TopLink SDK, since 1997 (and prior in Smalltalk 1995), which is used to access legacy data stores. Our XML support was built on top of our existing TopLink SDK. However, object-XML mapping is significantly different than our prior legacy data store mapping support.

There are various Java XML specification and standards. Most of these are still in the definition stage. We are not sure at this time if any of these are related to XML-object mapping.

**8. Potential Commercial Value:**

- a. (Do you have any estimate of the potential commercial value of, or market value for, the invention? Will it provide the company with a significant competitive advantage over competitors who do not use it?)

This was a feature requested by many clients. It represents our foothold into the XML marketplace and provides a foundation that we can build additional functionality around. XML is a very important technology to our clients and our industry and represents great potential for future commercial value.

**9. Related Inventions:**

- a. (Please identify any inventions developed by you or other employees which are related to, or complementary with, the present invention.)

**10. Related Products:**

- a. (Please identify any current or past products as to which the present invention is an improvement.)

**11. Opportunity to Maintain the Invention as a Trade Secret:**

Will the invention be apparent from, or disclosed by, a visual inspection of the product in which it will be ultimately embodied?

☐ Yes ☒ No

Can the invention be reverse engineered from the product in which it will be ultimately embodied?

☒ Yes ☐ No

If Yes,

☒ Easily? ☐ With substantial time and expense?

## 12. Conception of the Invention:

Date and place invention was conceived (i.e., the first time or you had a pretty solid idea of how to solve the problem): December 1999

Date of first drawing(s) or written description: January 2000

Location of first drawing(s) or written description: (snap server/toplinkj) Ottawa, Canada

Date invention was first orally disclosed to others: January 1999

Person(s) to whom invention was first orally disclosed: James Sutherland

Engineering Notebook I.D. and Page Nos.:

Present location of Notebook:

Witness(es) to conception: James Sutherland

## 13. Reduction to Practice:

Date first prototype, code, or working model was completed: April 2000

Person(s) who constructed prototype/model: Brian Vosburge

Present location of prototype/model: (emsrv) Ottawa, Canada

Date of first test: April 2000

Result of test: working prototype

Witness(es) to test: James Sutherland

## 14. Commercial Activity:

Has a physical embodiment of the invention been:

Sold? ☒ Yes ☐ No

Offered for Sale? \_\_\_\_\_

Demonstrated for customers? \_\_\_\_\_

Exhibited at a trade show? \_\_\_\_\_

Sent to beta test? \_\_\_\_\_ Yes

Incorporated in a product? \_\_\_\_\_ Yes

Java 3.0)

Used internally for commercial purposes: \_\_\_\_\_

Etc. (Please describe any other commercial activity)

Earliest Date: November 2000

Earliest Date: \_\_\_\_\_

Earliest Date: \_\_\_\_\_

Earliest Date: \_\_\_\_\_

Earliest Date: August 2000

Earliest Date: November 2000 (TopLink

Earliest Date: \_\_\_\_\_



**15. Public Disclosure:**

Has the invention been disclosed to third parties (non-employees) without conditions of confidentiality (PLEASE list all)? ☒ Yes ☐ No

If Yes, when and under what circumstances?

TopLink Java 3.0 GA release (November 2000)

TopLink Java 3.0 alpha/beta release (August-November 2000)

Nature of Disclosure (e.g., abstract, technical publication, written proposal or specification, oral communication, etc.):

TopLink Java 3.0 GA release (November 2000)

TopLink Java 3.0 alpha/beta release (August-November 2000)

Level of technical detail in disclosure:

Working code and user documentation.

**[Note: Attach copy of disclosure if available]**

**16. Public Use:**

Has the invention been used by anyone outside the Liberate? ☒ Yes ☐ No

If Yes, what was the earliest date of such use: August 2000

Describe the circumstances of such use: alpha/beta clients, testing

**17. Anticipated Commercialization, Disclosure or Use:**

(Please provide dates and details):

TopLink Java 3.0 (November 2000)

TopLink WebSphere 3.0 (November 2000)

TopLink WebLogic 3.0 (December 2000)

**18. Third Party Rights:** If there are any third parties (contractors, consultants, joint developers) who may have any ownership or other legal rights in the invention, please provide details:

No.

**19. Government Rights:** If the invention was made pursuant to a Government contract, please provide details, including contract number and agency:

na

**20. Signatures of Inventor(s):**

|                          |                                |           |      |
|--------------------------|--------------------------------|-----------|------|
| <u>Brian J. Vosburgh</u> | <u>Staff Software Engineer</u> |           |      |
| Name                     | Title                          | Signature | Date |
| <hr/>                    |                                |           |      |
| Name                     | Title                          | Signature | Date |
| <hr/>                    |                                |           |      |
| Name                     | Title                          | Signature | Date |
| <hr/>                    |                                |           |      |
| Name                     | Title                          | Signature | Date |
| <hr/>                    |                                |           |      |

**21. Witness(es):**

|                         |                        |           |      |
|-------------------------|------------------------|-----------|------|
| <u>James Sutherland</u> | <u>Chief Architect</u> |           |      |
| Name                    | Title                  | Signature | Date |
| <hr/>                   |                        |           |      |
| Name                    | Title                  | Signature | Date |
| <hr/>                   |                        |           |      |

**ACTION BY PATENT REVIEW COMMITTEE**

Decision to file application:      ☐ Yes      ☐ No \_\_\_\_\_ Date

Reason(s) for decision not to file (e.g., insufficient commercial value, better protected as a trade secret, etc.)

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